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QCWA *J*OURNAL

PUBLISHED QUARTERLY

VOLUME XLVII

Spring - 1998

NUMBER 1



Quarter Century Wireless Association
159 E. 16th Ave.
Eugene, OR 97401-4017

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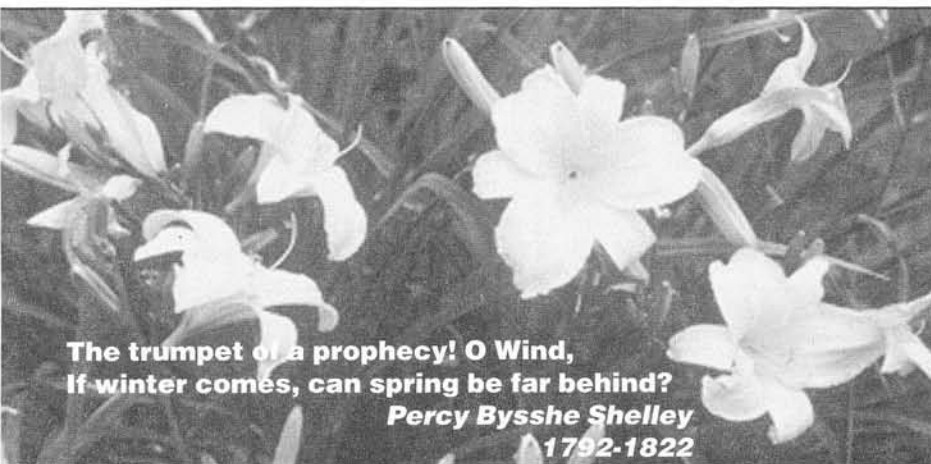
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**The trumpet of a prophecy! O Wind,
If winter comes, can spring be far behind?
Percy Bysshe Shelley
1792-1822**

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QCWA National Nets

SSB - Sunday at 1500E on 14347
CW - Wednesdays at
2000E on 7035

QCWA JOURNAL is published four times a year (quarterly) by the Quarter Century Wireless Association, Inc. Membership ion QCWA, including a subscription to the Journal, is available to individuals who qualify in the United States and its possessions at the following rates: \$20 for one year; \$35 for two years; \$50 for three years; and \$300 for life. For foreign membership rates, please contact the business office.

POSTMASTER: Please send change of address to QCWA, Inc., 159 E. 16th Ave., Eugene, OR 97401-4017.

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Clarence Seid, W2KW	1969 - 1971
Barry Goldwater, K7UGA	1972 - 1973
Frank A. Gunther, W2ALS	1974 - 1977
Harry S. Gartsman, W6ATC	1978 - 1981
Stuart Meyer, W2GHK (SK)	1982 - 1985
Leland Smith, W5KL	1986 - 1989
Harry Dannals, W2HD	1989 - 1994
Lew McCoy, W1ICP	1994 - 1996

Executive Secretary/General Manager

Ralph Barber, W2ZM (SK)	1955 - 1964
Gus Gironda, W2JE (SK)	1965 - 1973
Ethel Smith, K4LMB (SK)	1974 - 1976
Ted Heithecker, W5EJ (SK)	1976 - 1991

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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a non-commercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.



From the President

John Kelleher, W4ZC



Many times during the past year or so, in dealing with controversial and divisive issues, I have asked myself "What is QCWA?". I usually went back to a piece written several years ago by our esteemed President Emeritus Leland Smith, W5KL. It helped me to focus on the real *raison d'être* of QCWA and so I repeat it here as guidance for the future.

Leland wrote "The Quarter Century Wireless Association was organized to promote friendship and cooperation among Amateur Radio operators who were licensed at least a quarter century ago.

"There are presently more than 12,000 members of QCWA. Although the majority of these amateurs live in the United States, membership stretches from Australia to Zimbabwe.

"A great deal of the growth and dynamic character of QCWA, since it was founded, is a direct result of the Chapters chartered across the continent and across the world. Today there are 152 QCWA Chapters in the United States. These Chapters are self-governing, making an annual report to the National organization, and they operate in substantial agreement with the National Constitution and By-laws.

"All members are welcome to participate in all local and national QCWA meetings and on-the-air activities.

"Now and then at gatherings of amateurs or during on the air contacts, the question is asked "Why should I join QCWA?" My response is as follows: QCWA membership is not for every radio amateur eligible to join. Many amateurs for one reason or other never join or support amateur organizations, irrespective of the worthiness of the objectives of the organization or what they may have done to protect amateur privileges or advance the communications art. Some amateurs are true loners and a few could care less whether or not ama-

teur radio - with its many opportunities for personal enjoyment, technical advancement, public service and developing lasting friendship with fellow amateurs - will be available for future generations.

"QCWA membership often appeals to amateurs who want to be identified with and associate with some of the best known, respected, proficient and dedicated amateurs in the world. The knowledge that so many well-known amateurs have joined together in this unique non-profit organization dedicated to promoting the best interests of all amateurs, for now and posterity, appeals to many.

"There are other reasons for joining QCWA. Membership in QCWA is for those amateurs who truly enjoy the hobby, who appreciate the effect it has had on their lives, and who want to share their experiences and talents with others for the good of amateur radio.

"QCWA membership is also for those who would like to participate in promoting more cooperation and good will among all amateurs and who would like to be a part of an organized effort to preserve our amateur traditions. QCWA membership likewise appeals to amateurs who are aware of the forces which would acquire our frequencies and reduce our privileges, and the amateurs who would like to be a part of a unified effort to defend our privileges.

"Membership in QCWA also appeals to altruistic amateurs who would like to support scholarship funding for deserving amateurs pursuing educational objectives. Others join QCWA so that they can participate socially in chapter meetings and be a part of local activities for the good of amateur radio and the public interest.

"Some eligible amateurs recognize the importance of QCWA objectives as they may influence the present and future of amateur radio, but join principally to acknowledge approval and support for QCWA pur-

Presiden's Message Continued from page 3

poses. Others join not only to acknowledge support for QCWA objectives but because they want to become active in some or all of the ongoing activities in QCWA. Either category is welcome in QCWA".

These objectives are best supported when we cooperate. There are at least two ways within QCWA to achieve this.

One is to participate in Chapter activities. When Leland wrote the foregoing there were 152 Chapters. QCWA has now chartered 201 chapters; and last fall our Board approved modification of the By-laws to allow five members (rather than ten) to apply for and receive a charter as a QCWA Chapter. We hope that this will encourage the formation of new Chapters in sparsely populated areas, and encourage inactive Chapters to "get back in business."

Another way to cooperate is through our Journal. Current plans are to include technical articles to promote interest and exchange of ideas; to encourage Chapters to put forth ideas for the general betterment of QCWA in their Chapter Reports in the Journal; and in other ways make the Journal a more effective way of intercommunicating among the membership.

If you have any ideas for the betterment of QCWA, please share them with the Board. Write to any officer or director and share your thoughts and ideas.

Jack, W4ZC

Gladys Chase, W1VPF - SILENT KEY

Gladys Chase, W1VPF passed away Feb. 5, 1998 having suffered from an extremely rare form of blood cancer. She was the wife of Harold C. Chase for over 51 years, was born in Southbridge, MA, lived in Windsor, CT for many years before moving to their home on the lake in West Suffield, CT. She was employed as an executive secretary to the Chairman of the Board and CEO at Stanadyne Automotive Corp. and was the first woman president of the Hartford (CT) Industrial Management Club in 1980. She was first licensed in 1952 as W1VPF. She was a charter member of WRONE - the Women Radio Operators of New England - and a member of Yankee, Nutmeg, and Pine Tree chapters as well as being a Life Member of QCWA. She also co-chaired the National QCWA convention held in Windsor Locks and was General Chairman of the National held in Manchester, NH.

Gladys is survived by two children - a son N1URW, and a daughter - two grandchildren - two great grandchildren - two sisters - and many nieces and nephews. Travel was one of her great pleasures. Her last big trip was what she liked to refer to as "Our weekend in London"! Last November on the spur of the moment they took off on a Thursday for the UK (Their 19th trip there) and returned on Monday!

As you all know Gladys was a member of the Board of Directors and always had a kind word for everyone. She was a delight to have on the BOD. We will miss her very much, but remember having been able to share her life.

1998 QCWA Candidates for Office

President Elect: Gary Harrison, KØBC

Vice President Elect: Croft B. Taylor, VE3CT

Secretary: Charles (Chuck) Walbridge, K1IGD

Treasurer: H.C. (Duke) Knief, W2YTO

Directors:

Robert Buus, W2OD

Harold Chase, W1EES

Charles Dorian, W3JPT

Arch Doty, W7ACD

John Edel, K8LBS

Harry W. Lewis, W7JWJ

John McKinney, WØAP

Alan J. Pickering, KJ9N

George Roach, VE3BNO

John Swafford, W4HU

Jud Whatley, W4NZJ

President elect: Gary Harrison, KØBC



Gary Harrison, KØBC was first licensed in 1966 and now holds an Extra Class license, plus a General Radiotelephone Operator's license. He has worked in the communications field for most of his adult life and is a retired Central Office Supervisor for Alltel in Bolivar. Gary helped form the Lakes Area Amateur Radio Association and has been active in building and maintaining the club's 147.06 repeater, with a link into the Kansas City area. He has been an officer in other area clubs, a founder and first President of a Bolivar Races unit, a teacher of several ham classes, and an ARRL Volunteer Examiner since the inception of the VE program. Gary has served as a QCWA Director and is the current QCWA Vice President. He and his wife Carolyn, WBØOUM spend much of their vacations attending major ham conventions.

Vice Pres elect: Croft B. Taylor, VE3CT

Croft is an incumbent Director holding two portfolios - International Affairs, and Activities. He was first licensed in 1950 and held several VE2 and VE3 calls since then.

While in University Croft joined COTC and then pursued a military career in the Royal Canadian Corps of Signals, retiring as Lieutenant Colonel. Afterwards, he joined Bell System in Canada and directed a team of senior engineers in the long term planning of Canada's major telecommunications networks, and their integration with similar USA networks. At the same time he chaired the Carrier Working Group whose mandate was to develop fail safe high density networks for the military.

Croft's major contribution to the Amateur community was the development of a program with Bell System, to distribute Surplus Bell Teletype and Data equipment to Amateurs in North America, and he personally handled about 5000 tons of such equipment during its distribution. He is a Life Member of QCWA and a member of several Chapters in the USA and Canada.

If elected, Croft looks forward to working with the new Board of Directors with the objective of continuing development of the Association.

Secretary elect: Charles (Chuck) Walbridge, K1IGD

Charles (Chuck) Walbridge, K1IGD is a candidate for the position of Secretary. He was first licensed in 1952 as WØLFX. While in high school, he worked at Leo Myerson's World Radio Labs in Council Bluffs, Iowa. Chuck graduated from Iowa State College with a BSEE in 1957, and moved to New England, changing his call to K1IGD. His engineering career spanned 34 years, working for Raytheon and Sylvania (later,

GTE, Government Systems) as a designer and manager on a variety of government communications systems.

Chuck holds an Advance class license and enjoys the keyboard modes on HF and VHF. Secretary/treasurer of the Yankee Chapter since 1993, he also edits the chapter newsletter. In 1995, he was the Treasurer for the Manchester, NH convention. In 1997, he assumed the position of QCWA National Secretary, taking over the unexpired term of John Swafford. He is a member of ARRL and TAPR.

Treasurer: H.C. "Duke" Knief, W2YTO

The incumbent treasurer of QCWA, Duke is retired as both an airline Captain and Air Force Reserve Lt. Colonel. He holds the Extra class license and 1998 will mark his 50th year in amateur radio. A Life member of QCWA, ARRL and AMSAT, he has served as Chapter President, Treasurer and is in his third term as Secretary. An active DXer, he holds DXCC "Top of the Honor Roll" as well as other operating awards. As the trustee of the chapter club license, he has been a motivating force in sponsoring and maintaining both the local packet BBS and DX Cluster operating under the chapter call, K4QC.

In his first term as QCWA Treasurer, he has worked closely with the General Manager and QCWA accountant to economize operations where possible while maintaining and improving the member services.

I appreciate the many kind words of encouragement I've received from many of the members. Rest assured that I will continue to serve to the best of my abilities.

**Director: Robert Buus, W2OD**

Robert Buus, W2OD, is an incumbent Director chairing the Administration Committee. He has been continuously licensed since 1953, obtained First Class Commercial Radiotelephone and Second Class Radiotelegraph licenses with ship radar endorsements in 1954, and Extra Class license in 1955 before entering the University of North Dakota where he graduated Summa Cum Laude with a BSEE. He received his MEE from NYU and retired from Bell Laboratories in 1989 after 30+ years.

Recent activities since retiring include traffic handling, public service, and homebrewing. Robert Buus is a member of ARES, RACES, the Garden State Amateur Radio Association (GSARA), the Radio Club of America, the Old Old Timers Club, Life Member of the ARRL, and Life Member of QCWA. W2OD serves as Editor of the GSARA monthly newsletter and the QCWA Chapter 138 quarterly Bulletin. He looks forward to the opportunity to continue to serve QCWA.



Director: Harold Chase, W1EES



Harold was first licensed in 1932 as W1EES - a call he has held continuously since then - and is an advanced class licensee. Rag-chewing, field day activities and some DXing have been his interests. He is an ARRL member, Life Member of QCWA, and is past President of Yankee, Nutmeg, and Pioneer chapters.

In the field of electronics he worked at Harvey-Wells Electronics for 15 years in production engineering, five years were spent at Andersen Laboratories in Connecticut as a project engineer in their signal processing division in connection with the development, documentation, and installation of the AN/FPS-85 missile and tracking station at Eglin AFB in Florida, and another two years with the Electro-Optical division of Kollmorgan Corporation, working on the electronics associated with the Trident submarine program.

Working toward the continued growth and betterment of QCWA is something to which he feels he could contribute and looks forward to serving on the board of directors and working on their projects.

Director: Charles Dorian, W3JPT



Licensed in 1939 as W1LXO, has an advance Class license, and still operating HF and VHF/UHF bands. Attended more than 20 international conferences concerned with mobile and amateur communications. In US Coast Guard communications for 20 years, retired as Deputy Director, Office of Telecommunications, DOT. First Secretary and a Director of AMSAT, and a past President of Washington, DC Chapter

of QCWA and the Foundation for Amateur Radio. Now serving as a Director of QCWA with Committee responsibility for Rules and Regulations. Very knowledgeable on national and international radio regulations. I will continue to actively support the advancement of the amateur radio service and the QCWA organization.

Director: Arch Doty, W7ACD

Arch was a National Director in 1994, but did not seek reelection because of illness in his family.

He graduated from Colorado College after five year's service as an Air Force pilot. During the next 25 years he worked for the U.S. automobile industry, plus assignments at the U.N. in Geneva for the U.S. State Department

A QCWA Life Member, Arch was Secretary of Chapter 76 for a decade. On the National level, he designed the current QCWA pamphlet, and assisted in developing the format and content of the QCWA's Internet "Page".

An avid DXer, he is a member of the DXCC Honor Roll, and has operated overseas with 20 reciprocal calls. He is a Senior Member of IEEE, a Life Member of the ARRL and a Fellow of the Radio Club of America. He is the author of numerous published papers and articles, many concerning his investigation of Counterpoise Ground Systems. He also has several patents.



Director: John Edel, K8LBZ

John Edel, K8LBZ, is an incumbent who was elected to the QCWA Board of Directors in 1991. He has served continuously and has worked on various committees including Finance, Recruitment, Scholarship and served as Activities Chairman. He is presently the chairman of the recruitment committee. John is a retired mathematics, chemistry, and physics high school teacher. He was first licensed in 1958 and holds an advanced

amateur radio license. John is married and has four children. His two sons are both licensed amateurs. The oldest son Jay, WN8HHJ, is president of the QCWA Chapter 18 in Findlay, Ohio. John's wife Janet was the Tour Chairperson for the 1991 National QCWA Convention held in Canton, Ohio. John is a member of several QCWA Chapters in Florida as a snowbird, including the Gators & Pelicans. He has been the President and Vice-president of Chapter 21 in Canton, Ohio and an Honorary member of Chapter #1 in Cleveland, Ohio. If reelected John will continue to promote QCWA as an exclusive amateur honorary organization for those amateurs who are licensed and have held that license for 25 years or more.



Director: Harry W. Lewis, W7JWJ

Harry W. Lewis, W7JWJ was first licensed in 1941, Extra Class License, State of Washington, Life member of QCWA and ARRL. In 1993 served as Chair for QCWA Chapter 4 and elected for a second term in 1996. Currently serving as ARRL Section Manager Western Washington.

His XYL is Mary, W7QGP, past ARRL Director and currently Sec/Treas QCWA Chapter 4. Harry's engineering career was in radio and TV broadcasting, plus

6 years as an electronic vocational instructor. He taught Amateur Radio classes evenings for 48 years with over 4000 graduates. He won 36 Morse code contests, four in excess of 75 wpm. If elected he will promote the purposes and objectives of the national organization as outlined in its constitution, particularly in its support of education, charitable and scientific purposes.

Director: John McKinney, WØAP

First amateur license - Federal Radio Commission - 1934, W2GTW, Port Jervis, N.Y. Member Army Amateur Radio System in 1935 under Capt. Dave Tally, W2PF.

I shipped out as radio officer on passenger vessels at age 18 and spent the next 5 years at sea as "shipping" was available.

I had a split career with the F.C.C. beginning as radio intercept operator in November 1941, left in '43 and then returned as

engineering aide in 1951. In the interim I hired on as transmitter engineer at Press Wireless, flight-line radio troubleshooter for Douglas Aircraft, Flight Radio Operator for Pan American Airways (T.A.D.) and as radio dispatcher for Nebraska State Patrol. Sandwiched in between was a year in the U.S. A.A.F. where my sea experience made me a "Navigation Mate" on a PT boat used for air-sea rescue work.

From 1951 to 1978 I held several positions with the F.C.C. moving from Grand Island, NE to Twin Falls, ID to Tampa, FL to Douglas AZ and Laurel MD. Eight years were spent as Engineer-in-charge of TV and FM Enforcement for the Commission. Then I began a broadcast consulting business and "built" four FM broadcast stations. At age 71 I renewed my Coast Guard papers and went back to sea for two years.

I am a life member ARRL and SOWP as well as a member of MTC. I am Past president and presently board member of Chapter 25, (Nebraska) QCWA. My aim will be to continue the work of QCWA as the "professionals" of amateur radio.

Director: Alan J. Pickering, KJ9N

Alan J. Pickering has been a broadcast announcer and engineer (First Class with Radar Endorsement) for five radio and TV stations. A former Naval Air Corps pilot, he holds bachelor, master, and doctoral degrees, and has taught at the Universities of Kansas, Nebraska, and Metropolitan State University in Minneapolis.

Leaving academia in 1970, Dr. Pickering was employed by the YMCA of the USA as its National Training Director, a position from which he retired in 1991. He has traveled extensively in Europe and the Middle East as President/CEO of the Center for the Performing Social Sciences, a consortium of management and organizational development consultants.

First licensed in 1954 with the call W8ULS, he held the call KØJTW before receiving KJ9N in 1981. He has been the presiding officer of seven amateur radio groups and clubs (including two QCWA Chapters), a member of Air Force MARS, and is a life member of ARRL and QCWA.

**Director: George Roach, VE3BNO**

Licensed as VE3BNO in 1946 he has been an experimenter and operator on most modes and bands. As AMSAT life member # 248 he worked the Oscars, worked on batteries and modules that flew on the Euosats, and heard his signal from the space shuttle. He was instrumental in putting one of the first 2 metre FM repeaters on the air in 1964, and in 1994 was part of the team putting fast scan repeater VE3TVA on the air.

Through being president and serving on the executive board of the Ottawa Amateur Radio Club and Chapter 70 of QCWA, he has worked with many fellow amateurs. He was privileged to meet many QCWA members as Chairman of the 1995 International QCWA Convention hosted by Chapter 70 in Ottawa. He has served in the Lanark & Renfrew Infantry signals (reserve) and the Third Signals Regiment. A 15 year career in craft and supervisory positions with Bell Canada prepared him for 35 years as Director of Engineering at a 50 kW AM and 100 kW FM broadcast radio station. He has served on the executive, as president, and as trade show manager for the Association of Central Canada Broadcast Engineers, and is a member of I.E.E.E., ARRL and AMSAT-UK. As a Director he would endeavor to serve QCWA members and officers with the aim of a healthy National and International organization.



Director: John Swafford, W4HU



John Swafford, W4HU, running for first term as Director after serving 6-1/2 years as National QCWA Secretary. He was first licensed in 1940 and has held an extra class license since 1952. He began his communications career in 1941 with Northwest Airlines as a commercial CW operator - then served with AACS during 1942 and 1943.

He is a past president of Vic Clark Chapter 91 and the Department of State Amateur Radio Club. He is also a past Director of the SOWP Chapter 10. John is a member of ARRL, VWOA, SOWP, OOTC, Radio Club of America, AFCEA and IEEE.

He was a broadcast engineer after WWII until 1951. He served with the US Army Signal Engr. Agency and Department of State Office of Communications until retirement. Swafford is a life member of QCWA and ARRL.

John states: "If elected I will endeavor to continue to provide assistance to members and chapters."

Director: Jud Whatley, W4NZJ



Jud is proud to have been nominated for Director, QCWA. He is a Life member of QCWA, holds an Extra Class license, belongs to 7 clubs (GA & NC), is the GA ARRL ACC, is a VE and has been appointed to several permanent/temporary National QCWA working committees. Most of his radio activity is on SSB, CW, and AM (160-6 meters).

His wife of 32 years is Mary, WB4ALU. Jud graduated from UGA, is a veteran and served our veterans in the VA and retired as Personnel Director after 27 years. He is very active in community and civic affairs.

He's had two goals in life...serving veterans and amateur radio. He wants to encourage younger persons to join amateur radio, promote QCWA, continue QCWA's and ARRL's efforts to enhance and protect amateur radio, and increase the number of QCWA chapters and their interaction. He wants your vote.

Life Member Survey.....WHY?

by Jim Walsh, W7LVN, QCWA General Manager
Duke Knief, W2YTO, QCWA Treasurer

About a week before Christmas, QCWA life members living on the West coast began receiving a "life member survey" letter. As days passed, those letters were received across the US. and many parts of the world. On the reverse was a short questionnaire to be returned in the envelope provided. To those who responded promptly, I thank you, with a special thanks to those who used some of the more exotic stamps. They will be passed on to WA4WTG, a stamp collector and DX QSL manager.

Early in 1997, it became apparent that we had lost touch with many of our life members. After all, once the life membership fee is paid, the communications tend to be one-sided....Headquarters to member. This really came to light when one of our members advised Headquarters of his new 1x2 vanity call ...a call that was held by one of our "active" life members! A query from headquarters revealed that the first member had become a "silent key" sometime back and the QCWA Journal as well as other magazines ended up in the trash. The theory was that the "subscription" would expire sooner or later! Life membership in any organization is somewhat of a contract. Like a marriage, it's "as long as ye both shall live!" As some of you perceived, it was and is a ROLL CALL and needs to be answered to. Then too, many of the addresses in the database were incorrect or lacking the ZIP+4 (US domestic addresses).

In mid-December, I traveled to Eugene to provide the manpower for the mailingfolding, stuffing, licking and sticking. Fortunately, the company that did the printing included folding which cut the workload in half! I did the stuffing and our General Manager, W7LVN, did the licking with lots of help from Pitney & Bowes...the postage machine folks. The envelopes were divided into several stacks. First, all non-domestic mail goes first classno way around that. These had the labels manually applied and the postage applied by meter. Second, all US domestic addresses that did not "qualify" for bulk mail went first class with the labels and postage again applied manually. If you'd like to know if your address was in either of these categories, check the label. If there's no postal bar code on the label itself, yours went first class.

Then we come to the US mail bulk handling. This is the least expensive way to send large mailings primarily because the sender does the work! First, the database of addresses is checked and verified for bulk mailing against a CD ROM approved by the Post Office. It takes about 30 minutes to run 3000 addresses on a fast computer. The postal program also computes the total mailing cost as well as the cost per item. Those bulk mail letters you received cost QCWA 10.3 cents each compared to 32 cents first class. The average Journal costs about 25 cents to mail via bulk and \$1.50 first class. It should be obvious why we want "approved" addresses...COST!





Gen. Manager's Report

Jim Walsh, W7LVN

Well, another year is upon us and there are so many projects to complete and get out to everyone. I would like to thank all of the Chapter officers for their performance this year in the return of the Reports. It is amazing how well the returns are coming in. I have not sorted and entered all of that information, yet, but it looks like we are almost at the 100% point. The information on these reports provides the needed material for the completion of a Chapter Listing folder, which is sent to each new member. Thanks so very much.

There is a brand new Chapter. It is in Boise, Idaho and is called the Gem State Chapter and is #201 on our listing. There have been several attempts to establish a Chapter in that area, and finally they accomplished that feat.

I have just received the report from the Vice President, Gary Harrison, KØBC, on the recruiting contest for 1997. The individual winner is Gene Nailon, K5DLE. He, with some help, has increased his Chapter membership roll from around 50 to over 100 members this last year. They are instrumental in getting their two major hamfests to include a question on the hamfest application about when the applicant was first licensed. The event organizers will then supply a copy of that information to the Chapter and they, in turn, will 'Prospect' that list. Try this out in your location and let us know about it.

Elsewhere in this issue of the Journal will be a notice of a modified deadline for submission of material to the Journal. This is being done to try and get the publication back on the normal delivery schedule. Thusly the deadlines are being moved back one month. Mark your calendars. Starting with the first of the year, the deadline for the March issue will become January 1st; for the June issue the deadline will become April 1st; for the September issue the deadline will become August 1st and finally for the December issue the deadline will be October 1st.

Have a great year.

Jim Walsh, W7LVN

WHY? - Continued from page 8

As of the last week in January, I've received about 850 replies out of the 3100 mailed. Of those, more than 50 have no way to identify the member and check off a call sign as "present" for the roll call. Understand, it is very important that all life members respond. Use the survey letter, a phone call, e-mail or, if you're really daring, packet and the NTS system (I'd request a confirmation of receipt on either of the latter two)! Understand, that if headquarters doesn't receive a response of some kind, future mailings to the missing members could be in jeopardy.

There will be an article in the Summer edition of the Journal with the results and some of the thinking that went into the questions. Until then, 73 and let's hear from you who haven't responded.

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RULES & REGS



by Jack Kelleher, W4ZC, 612 Ednor Rd., Silver Spring, MD 20905

This column presents a summary of recent significant actions in the area of domestic and, as appropriate, international Rules and Regulations.

WRC-97 FINAL ACTS AVAILABLE.

The Final Acts of the 1997 Radiocommunication Conference, WRC-97, signed in Geneva November 22, are now available. For more information, contact Audrey L. Allison, International Bureau, Satellite and Radiocommunication Division, FCC; tel 202-418-0733.

WISCONSIN HAMS EYE BILL

Hams in Wisconsin plan to monitor a bill to be introduced in the next legislative session that could have implications for ham radio mobile operators. Assembly Bill 680, states in part, "No person while driving a motor vehicle shall be so engaged or occupied with the use of a mobile telecommunications device as to interfere with the safe driving of such vehicle or as to impede the normal and reasonable movement of traffic." Ed: we're going to see more of this type of proposal — driving is a full-time job).

FCC'S JOHN B. JOHNSTON, W3BE, RETIRES

John B. Johnston, W3BE, has retired. His last position at the Commission was as Special Assistant for Personal Radio Services to the Public Safety and Private Wireless Division. Johnston's last day at the FCC was Friday, January 30. For the time being, Bill Cross, W3TN, will be handling Amateur Radio matters formerly done by Johnston.

REGULATORY ITEMS FROM THE ARRL BOARD MEETING, JAN. 16 & 17

The Board established an Enforcement Task Force to push for better rules enforcement from the FCC.

The ARRL also will ask the FCC for a declaratory ruling to put teeth into the voluntary band plan concept.

The Board applauded actions by the FCC and the New York City Taxi and Limousine Commission to crack down on illegal use of the 10-meter band by taxi drivers

On a 11-4 vote, the Board voted to NOT draft a petition to the FCC to simplify the Amateur Radio license structure and to increase HF privileges for Novice and Technician Plus licensees. On a 10-5 vote, the Board declined to refer to the Executive Committee for study a proposal to ask the FCC to reduce the number of license classes to three.

ARE FM SPECTRUM RESTRICTIONS (BANDPLANS) NEEDED?

The proponents of non-FM point to point communications say that formal restrictions are needed to keep FM users from causing interference to the users of other modes on our VHF and UHF bands. FM interests are already vow-

ing a fight to keep access to all the VHF and UHF spectrum that they now have.

CHEAP ILLEGAL RADIOS

More problems are on the horizon for the FCC in the area of CB radio enforcement, as large numbers of cheap, high power wideband radios capable of transmitting AM, FM and SSB between 25 and 32 MHz illegally make their way into the United States.

CONGRESS TO FORCE FCC REORGANIZATION (ARN 1063 12-26-97)

In two years, the FCC could be an entirely different agency from what hams and others know it to be today. That's the vision of U.S. Representative Billy Tauzen (R, LA.). In an interview in the broadcast trade publication Radio World, Tauzen says it's time to do away with the old and bring in new ideas at the Commission. Tauzen indicates he'll give the FCC a choice. Either reorganize on its own, or his committee will look into doing it for the agency.

FCC BANS ALL RADAR JAMMERS (FCC Press Release via ARN 1062 12-19-97)

The Federal Communications Commission says that all traffic radar jamming devices are illegal. This includes the so-called passive reflector types as well as those which generate jamming signals by themselves.

AMATEUR NAMED CHIEF FCC TECHNOLOGIST (FCC Release as reported in ARRL LTR V16 #49)

Dale N. Hatfield, W+IFO, has joined the FCC as chief technologist in the Office of Plans and Policy. Hatfield returns to the FCC and government service after a 15-year break, during which he founded and operated a telecommunications consulting business in Boulder, Colorado. Previously, Hatfield served as Acting Assistant Secretary of Commerce for Communications and Information and as Deputy Administrator of the National Telecommunications and Information Administration.

INDUSTRY CANADA POLL ON CERTIFICATION AND LICENSING (Radio Amateurs Canada; ARN 1061 12-12-97)

Canada's national ham radio society has been told that it will not be given a voice in governing that nation's Amateur Radio service. At a November 28th meeting of Industry Canada's Amateur Delegation Working Group, Radio Amateurs of Canada was told that Industry Canada has decided to terminate a delegation initiative and to retain the administration of the Canadian Amateur Service.

NEW VLF AMATEUR BAND IN UK (TNX ARN 1062, 12-19-97 & RSGB/GB2RS)

Hams in the United Kingdom are looking forward to another new very low frequency band. The Radiocommunications Agency has told the Radio Society of Great Britain that it hopes to release the 136 kHz band



Sunday Century Net Reactivation

to all U.K. Class A licensees early in 1998.

FCC ANNOUNCES 1998 MAXIMUM REIMBURSEMENT FEE FOR A HAM LICENSE EXAMINATION

The FCC announced today that effective January 1, 1998, the maximum allowable reimbursement fee for an amateur operator license examination will be \$6.39.

FCC SETS RF SAFETY EVALUATION THRESHOLD FOR REPEATERS (ARRL Ltr V16 #44 11-7-97)

The FCC has released an erratum to its RF safety rules that sets 500 W ERP (effective radiated power) as the limit for most amateur repeaters before a routine RF safety evaluation would be required. This applies to repeater systems on all bands.

FCC INITIATES UNIVERSAL LICENSING SYSTEM

As a first step in implementing its new Universal Licensing System (ULS), the FCC's Wireless Telecommunications Bureau is attempting to "populate" the ULS by getting licensees to register. Ultimately, the ULS will give hams and other licensees on-line access to make license updates and renewals, eliminating the need for hardcopy forms like the venerable Form 610. An FCC Public Notice this week said the ULS is aimed at combining the 11 different licensing systems the Bureau now uses—including Amateur Radio—into a single system.

WRC 97: CODE TO STAY FOR NOW (ARN 1059 11/28)

Tabled for at least the next four years is consideration of changes to Article S25 of the international radio regulations. Article S25 contains the rules that are specific to the Amateur and Amateur-Satellite Services. This includes the international commitment to the Morse code proficiency requirement for operation below 30 MHz; the decision was purely an economic one based on using the assembly's meager resources to benefit the greatest number of people.

Also pushed back to the tentative agenda for the year 2001 is the possible realignment of the 40 meter band to resolve a conflict between hams and broadcasters in part of the band.

FCC ISSUES RF SAFETY SUPPLEMENT B TO OET BULLETIN 65

Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines that start phasing in January 1, 1998. On November 18 the FCC's Office of Engineering and Technology issued the long-anticipated Amateur Radio Supplement B to its OET Bulletin 65.

This is a brief summary of significant R&R items for the preceding quarter. Details have already appeared in World Radio; and most of the material also appeared in other publications, as indicated - principally the ARRL Letter and Amateur Radio Newsletter (ARN).

Brian, W8BL and I (AI W8FAX) would like to extend an invitation to join us in the reactivating of the 20 meter Sunday Century Net. The prime purpose of this net is to promote fraternization of the FIST membership, and in the process make it possible to accumulate more points for your Century Awards. I will be the NCS on the first Sunday of each month, and Brian will be NCS on the third Sunday. If we get more volunteers we will staff the other Sundays as well. Net times will be from 1500 EST/EDT until about 1700EST/EDT, depending on traffic volume.

The net will be rather loosely controlled but we would like to ask that operators do not "break" the net. Please check in only when the NCS calls for QNI's. The operation of the net will remain as before. After the initial check ins have been taken the NCS will call each station in turn. They may then call two stations of their choice to exchange RST and so forth to make a legitimate contact. After you have worked your two, please turn it back over to the NCS. If you are a late QNI you will go to the bottom of the list and will be called in the order of your check in. Many operators used to show up just to say "hi" and be available for the others to contact.

The net will make every effort to accommodate all speeds of code and will try to respond at YOUR speed. I would like to keep the general speed between 10 and 18 WPM if possible. PLEASE do not hesitate to request QRQ/QRS if conditions warrant. We stress accuracy, not speed, and no one likes to talk to themselves. (Well, my wife says I MUST like it cuz she hears me doing it???)

I would also like to avoid a lot of relaying. This takes a lot of time and results in a lot of unnecessary confusion. The goal is to establish net control stations in all parts of the country so that everyone may participate during at least one weekend. There are two other weekends open and I would like to see the west coast and southern areas represented also. By the time you read this in the Keynote, we will have had one net already (Possibly two). I will do the first one on 4 January 98.

Again, everyone is welcome and encouraged to join in. You can rack up a few new stations for your Century Award as well as provide a new contact for someone else, pound a little brass and meet some fellow FIST members you may not yet know. Thanks, and see you on 14.050 Mhz

73 AI Tanner W8FAX

Email: ATanner283@aol.com

73 Jack



SYLver Belles



by Esther Given, W6BDE, 6740 Evergreen Ave., Sebastopol, CA 95472

SYLver Belle - Helen Drake, K5ECP



Helen Drake K5ECP - Sylver Belle 1998.

Helen Drake, K5ECP, 1996/97 president of QCWW, is a busy YL. Her ham story begins in the early 1940's when she was a junior in college in Indianapolis, Indiana. Her sorority decided it would be patriotic to invite some of the soldiers from a nearby army installation for Christmas dinner. The guests, hand picked by the Fort's colonel, included Jim Drake W9ZUG. Soon another of cupid's successful WW-II romances was underway.

In 1945 Helen and Jim were married and settled in Valparaiso, Indiana where Jim, licensed since 1937, taught electronics at a technical school. He also built a ham shack in the basement of their home and was soon on CW with a home-brew 40 meter transmitter and Hallicrafter receiver.

Naturally his bride became enchanted with Jim's hobby and decided to tackle the studies leading to a ham license. In she received her novice call WN9WMZ.

1953 was another banner year for the Drakes. Tired of ice, snow and cold weather they decided to head for the south-west and moved to Albuquerque, New Mexico where Jim became W5DWX and went to work for Sandia National Laboratories.

In 1956 Helen upgraded to general class and was issued K5ECP. She promptly began checking into YL daytime nets. On the Loaded Clothesline Net she learned about YLRL which she joined promptly. soon 1953

Now that she had a general class license, Helen wanted to talk to the world. That wasn't easily done when your only antenna was for 40 meters so a Heathkit Apache transmitter and HQ-145 receiver were added to

the shack along with antennas to match their capabilities. It was a new and wonderful experience to talk to people all over the world and Helen took full advantage of every possibility to participate. Meanwhile, Jim upgraded to extra class and was issued W5EF.

In a two ham family the YL frequently operates in daytime hours and the OM gets evenings and weekends when home from work. Helen found YL nets brought her many new friends and was active on YL-ISSB and YL Open House for many years.

Helen joined QCWW in 1980 and has served the chapter as a net control, director, vice president and president. At the 1996 YLRL convention Helen was invited by the convention committee to give a talk on QCWW. She was able to introduce QCWA Chapter 120 to many YLs who previously had no knowledge of its existence.

One of Helen's major aims as an amateur radio operator has been to help people. She ran phone patches on a regular schedule between a missionary in Chile and her mother in Albuquerque.

After a YL net one afternoon a female voice came on the air asking if anyone was hearing her. She and some University of New Mexico students were stranded at an archeological dig in a desolate area in northern NM. Their van would not start. Helen notified their instructor at UNM who drove to their rescue.

One day a young man who was blind broke into one of the YL nets asking for help. He wanted to learn more theory so he could get a commercial license and work at a broadcast station. Helen volunteered to be his "Elmira" so he sent her a blank tape and a radio textbook to be read onto the tape. It took a while to record the contents of the book but thanks to her help the young man was successful in getting the job he sought.

Knowing Helen was a ham, an Albuquerque couple received her aid in setting up a phone patch with their son who was stricken with leukemia. A schedule was established and the parents had frequent QSOs with him.

Helen enjoys other interests than hamming. She is an avid reader, plays golf and has been organist at her church for 40 years. Since Jim's retirement in 1983 they have enjoyed traveling. They have two daughters and two granddaughters none of whom inherited be-a-ham genes.

K5ECP and W5EF celebrated their 50th wedding anniversary in 1995. A bumper sticker says "Don't send a turkey to do a ham's job." That WW-II colonel commanded a successful reverse maneuver by sending a homesick GI/ham to a Xmas turkey dinner.

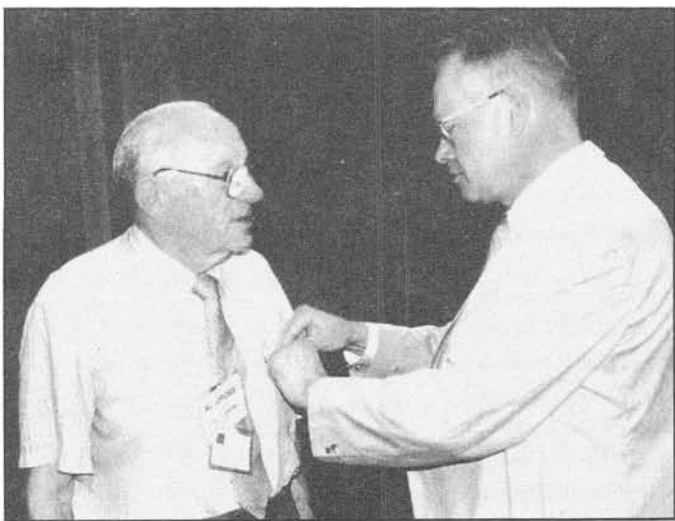
de W6BDE



Helen Drake K5ECP presides at QCWW 1977 meeting in Kansas City.



Croft Taylor VE3CT (left) and George Roach VE3BNO at the Kansas City Convention in Ottawa Canada.



Dr. Pekka Tarjanne, Secretary-General, International Telecommunications Union pins ITU badge on Al Gross, W8PAL for honorary permanent membership during the 9th Personal Radio Congress Geneva Switzerland May 21, 1995.

The QCWA Hooked Rug

In the History of QCWA as printed in the last issue of the Journal, there was comment on page 12 about the one and only QCWA Hooked rug. Ralph Hasslinger, W2CVF, one of our Founders, is the proud owner. In that article we asked Ralph if he still had the rug and how about a picture for the Journal. Of course Ralph read the History and promptly sent us a picture

I'll let Ralph tell you the story in his own words. "Many, many years ago my son and his family were visiting for Christmas. As they were about to return to their home in Bellevue, WA he asked if he could have a copy of my letterhead and the QCWA logo. I assumed he wanted them as souvenirs. Therefore I was very pleasantly surprised, the following Christmas, when I received the rug which is hanging over the fireplace in the rec room. Apparently it took the whole family, son, wife, granddaughter and grandson, almost the whole year to finish it! The rug has a deep blue field, the QCWA logo is nicely reproduced and across the top is a fine flat-top antenna with the call W2CVF".

Wonderful story Ralph. Your family not only love you they know how much you love your hobby.

If there are any more stories concerning QCWA History out there in Ham land. Please tell us about them and send pictures if possible.

Wes Randles, W4COW, Historian



Actual Newspaper Headline in Actual Newspaper

"Iraqi Head Seeks Arms"



Chip Margelli, K7JA, DX Editor • 6652 Cerulean Ave. • Garden Grove, CA 92645



**Franz, DJ9ZB
at the helm
of 701A in
1996. Did you
make it into
his log?**

Here Come the Spots! Here Come the Spots!

New Year's Day 1998 brought DXers a sure cure for a hangover. . . incredible conditions!

Those of you who watched Michigan have their way with Washington State in the Rose Bowl probably missed it, but there was a surprise opening to the Caribbean on *six* meters, which just set the stage for the fireworks to follow: the first F-layer opening on 50 MHz between W5/6/7 stations and New Zealand!

Although sunspot cycles are a bit like the stock market—with plenty of ups and downs—it's great to hear of propagation, via the F-layer, on the 50 MHz band. Needless to say, 10 meters was on fire at the same time, with huge signals from Africa and the Pacific providing New Year's cheer for everyone!

Tips for Busting those Huge Pile-ups

Having been fortunate enough to be on the DX end of some of the biggest DX-peditions of all time, such as ZA1A and 4J1FS, I've had to cope with the calling tactics of many different types of operators (good and bad). But having worked DX for over 30 years without much recourse to any sort of amplifier, I have also learned to be rather resourceful when trying to work a New One. Against this backdrop, I'd like to share some perspectives on common pile-up techniques observed, with recommendations as to the most efficient means of getting some juicy DX station into your log.

WHAT OTHERS DO

Have you ever stopped to analyze your competition in a DX pile-up? It's an interesting study. . .

The Hog:

Picture a bull elephant shrieking into a microphone, which drives a radio with the speech processor turned fully clockwise, in turn driving a 4CX10,000 amplifier. This type just picks a frequency on which to call, knowing that the DX station will either come back to him right away, or will tune the band looking for that horrible source of splatter; he gets in the log because the DX station can't hear anything else on the band.

The Hog calls slowly, or sends CW slowly, knowing that the sheer weight of the signal will overpower all the other stations. While use guile when you have all that firepower?

The problem is, of course, that the population of bull elephants is at an all-time high. Do you have any idea how many prominent DXers *do* run in excess of 5 kW output? The answer: "A lot!" But with all this power in the same pile-up, nobody can really stand out in the din. Only the folks running 15 to 20 kW output (or more) can out-muscle the average bull elephant. But everyone else is forced to cope with the junk being thrown all over the band, and the QSO rate at the DX end drops.

"Two-Letter Charlie:"

This is the curse of a DX-pedition operator, who is trying to get as many calls as possible into the log.

"Delta Tango" calls the DXer.

"Delta Tango What?" replies the DX-pedition.

"Roger, you're five nine!" is the retort.

"You're five nine, too; what's your bleepin' callsign?"

"Oh, yeah. . . it's Whiskey X-Ray Nine Delta Delta Tango!"

"Whiskey X-Ray Nine Delta Delta Tango QSL, QRZ? DX1DX"

Two QSOs could have taken place in the time that was needed to get the complete callsign.

Of greater significance, if I am the DX station, and I'm tuning 14.200 to 14.225 MHz, I probably will not hear you at all unless you send your complete callsign (of which I may only hear the last two letters as I sweep my receive range).

Just once. . . I'd like to log "DT" only, just to get even!

The Zero-Beater:

In some cases, this isn't a bad idea: using the "Dual Receive" on your transceiver to find the station being worked by the DX, zeroing in on that frequency, and then making a call exactly where you know the DX station is listening.

Do you know what happens when twenty DXers all call on precisely the same frequency (i.e. with the same tone) at the same time on CW? Dots and dashes disappear, and all the DX station hears is a single tone! During the ZA1A operation from Albania in 1991, I was puzzled by all the "carriers" being thrown on me in CW pile-ups. After a while, I listened to these "carriers" and determined that they really were the result of a whole bunch of stations calling exactly on the same frequency. After a few seconds, the dots and dashes of the straggler stations could be discerned. Hmmm.

WHAT THE DX STATION WANTS TO DO

A lot of the time, the DX-pedition operator is a very frustrated type. They've gone to the trouble of operating from a rare DX spot, with visions of QSO rates of 350 per hour dancing in their heads. What do they discover when they get on the air? Enough poor operators calling to make one want to catch the first comet into the great beyond! Hour after hour of 100-120 QSOs per hour can really drive you crazy!

WHAT THE DX STATION WANTS YOU TO DO

The DX-peditioner sincerely wants to help you get into his or her log. That's why they've traveled half way around the world to sit in front of a radio 24 hours a day. There are a few tricks that will help you accomplish that goal:

① *Be Crafty in Your Calling Technique*

The first stations to hit the PTT switch are often the last to end up in the log. Why? With everyone calling at the same time (the "bull elephants"), the DX station only hears a wide band of noise.

But if the 100-Watt "little pistol" has the patience to wait a couple of seconds before pulling the trigger, success may be immediate. What the pile-up sounds like is this:

DX1DX: "QSL, QRZ?"
(Pile-up): "% # . . . 2 & @ . . . ^ # * Kay Seven Juliett Alpha. . ."
DX1DX: "Ahhh. . . K7 Juliett Alpha Fifty Nine."
(Note: DX stations, please remember that call!)

By letting the pile-up subside, you may find yourself calling almost alone. And the others will still be shrieking into their microphones while you're filling out the QSL card.

② *Send Your Full Callsign!!!*

As you can see, this technique is somewhat related to [✓] above. If everyone else is sending just the last two letters of their call, they will be finished calling while you are sending the *final* two letters of your call. So you're guaranteed to be singing a solo in the pile-up when the "two letter tenors" have shut up. Start filling out that QSL card!

③ *Find the Clear Spot!*

Because so many (truly) good operators try to call exactly where the last QSO took place, this technique does not always work well in a huge pile-up. What you need to do is to find a place where *nobody else* is calling, and call there. It may take you a few calls, but success will generally follow in a shorter period of time than if you (and 50 other chaps) all drum away in a zero-beat dawg pile. Believe me, the DX station will not be able to copy any of you!

One of my favorite pile-up stories of all times: The first 4J1FS operation lasted about four days. It was an all-time New One, and *everyone* was calling. I returned home Sunday evening from a trade show. It was late. It was the last day of the DX-pedition. And everyone was desperate.

Martti, OH2BH was the operator on 20 CW. He was transmitting on 14.005 MHz, listening "UP;" this meant that 14.006 MHz to 14.070 MHz was a solid mass/mess of signals. And here I was with 100 Watts and a 3-element beam on the West Coast of North America.

"Forget this!" I said to myself. Frustrated at not having had enough hours to slug it out with the rest of the world, I spun the dial on my 2nd VFO. It stopped "somewhere" up the band. I called once.

"K7JA HI CHIP 5NN" came through my headphones!

It's kinda like buying a Lotto ticket with only one set of numbers. Your chances may not look good on paper, and you surely haven't spent much on it. But sometimes miracles do happen!

It's called the miracle of DX. And it's why we are DXers.

73 for now. . . Chip Margelli, K7JA



Editor's Corner

Hope springs eternal!

Could it be that several of the many Morse aficionados in the QCWA are potentially rich and don't realize it? Have you kept all those dots and dashes you've collected over the years safely filed away in case you might need them for whatever reason? If a dot or dash were worth \$8,586.19 each, could you part with it?

According to press reports, a collector paid Christie's auction house in New York, \$180,310.00 for the message, "WE HAVE STRUCK AN ICEBERG", copied by the radio operator on the liner Olympic shortly after the Titanic radioed its first signals of distress back on April 14, 1912.

Other collectors paid anywhere from \$8000 to \$123,000 for less notable congratulatory messages, preembarkation messages, ship's logs, etc.

You better go rummaging through your files. You might just be sitting on a treasure trove of dots and dashes! And to all the Morse Code detractors - "We're the ones that make the big bucks in this hobby!"

Musical Interlude

One of the first questions I asked after my first foray into editing the volumes of chapter reports was, "Is that chapter picture of Alvino Rey the musician?" You see, I studied piano for twelve years from the age of 4, sheltered in the depths of all things classical. When I got into my teens, I became infatuated with jazz and unconventional rhythms (for me). Most kids my age had baseball players for heroes, but I had musicians. Alvino Rey was high on my list along with Charlie Spivak, Errol Garner, Les Elgart, Villegas (a very unconventional jazz pianist), Stan Kenton, Charlie Bird, and Barney Kessel.

It was with delight that I read the article featuring the ham and musician Alvino Rey in this issue. See "Alvino Rey - Ham First, Musician Second." on page 39. This article kindled fond memories of my youth and my unfulfilled ambitions to become famous.

I was reminded of the time I saw Charlie Spivak perform at the Officer's Club in Key West, Florida where my father was stationed during WW2. The next day, I was on a train heading for Pennsylvania (my permanent home) and who was seated beside me but Charlie Spivak - the man, live, up close and in person. Mr. Spivak patiently talked music with this star-struck 9 year old most of the trip. Eventually the lure of big band swing and jazz over-

came me. I abandoned my classical music obsession and started playing piano in a big band in Central Pennsylvania when I was 16.

I earned a little (damn little) extra cash playing in saloons, clubs and restaurants while in college. I think Mr. Rey will attest to the fact that obscure musicians must grovel for the measly crumbs that they get. In fact, that plight applies to all musicians!

Well, Mr. Rey made it big time and I didn't but...maybe one of these days I'll get to shake hands with one of my childhood heroes Alvino Rey. Better late (about 40 years) than never. That will be more memorable and noteworthy than the time I touched the pants leg of Les Elgart on the stage of the Hershey Ballroom in Pennsylvania.

A Reeceally big thanks to Jud

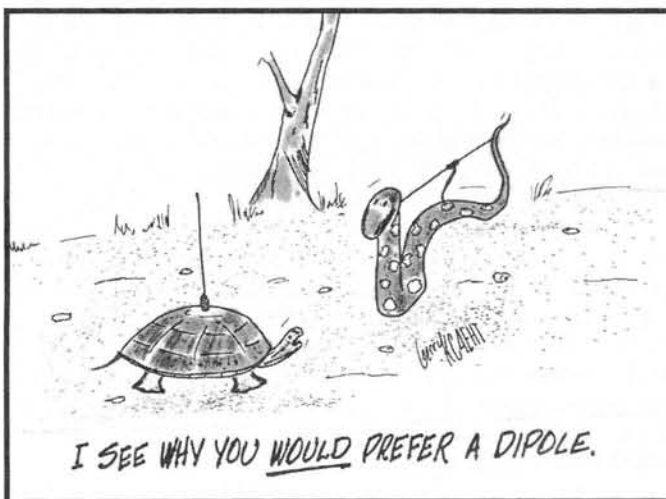
Gerry....just had time to REALLY...really peruse the Journal. Below are my thoughts. Great job. Seems to be getting better each time. Congratulations!

...I looked at layout, photos, printing contrast, inserts, graphics, articles (content, length, variety, etc.) and am very impressed, especially the small cartoon-like inserts reminders. All are very good...or I should say, "Excellent"! Keep up the great work!!!

73,

Jud, W4NZJ Outgoing Pres., Chp 49

And Jud is not related to me either! Ger//





Chapter Reports are a very important part of the Journal and we would like to see regular reports from all chapters. If your chapter is not represented on these pages, please ask your secretary to file a special report for the Journal. Please send the reports to General Manager, Jim Walsh, to arrive no later than the following dates: July 1, September 1, January 1, and April 1.

Chapter 1, Cleveland

The year just past has proven to be eventful for the Chapter, and though there were many bright spots, there were also some lows. As reported in the last JOURNAL, one of the high points achieved is the fact that our Chapter was able to obtain a new club Call in honor of one of the groups most respected members, Bob Bloor, W8LYD. We participated in local area hamfests, setting up tables to inform and recruit prospective new members. Additionally, Chapter One was privileged to honor two distinguished guests with special luncheons this past summer and fall. SM5BVU Richard Storm and XYL Doris paid us a visit from Sweden, and W8PAL Al Gross and XYL, spent time with us from Arizona. On the down side of the ledger, we were unfortunate to lose nine members to the rank of Silent Key. Many of the deceased members were active in Chapter One Net activities on Wednesday evenings, and were regular attendees at the quarterly luncheon meetings. Their presence is sorely missed by all.

During the course of the year, the Chapter's Executive Board attended several CooCom meetings, traveling to Sharon, PA for a noon luncheon and general discussion. The CooCom is a forum comprised of five area Chapters from Pennsylvania and Ohio. Represented are Erie Chapter 122, Pittsburgh Chapter 6, Akron Chapter 39, Canton Chapter 21 and Cleveland Chapter 1. The primary objective of the group is a joint effort to promote goodwill and fellowship between the Chapters and to discuss mutual problems and concerns facing our respective clubs. The good food and camaraderie is definitely a PLUS!

Our first quarterly meeting of 1998 was held on Saturday January 17 at our usual location, Dimitri's Restaurant in Parma. The weather prediction was less than optimum with bitter cold and snow or freezing rain expected. Nonetheless, 45 members and guests gathered for the luncheon and business meeting. Noticeably missing from this meeting were several of our regulars who are either sick or have family members who are ill. As it turned out, the weather proved to be inconsequential.

A short business meeting presided over by President Bernie Hinrichsen, W2NTB, was followed by an introduction of those members and guests present. The self-introduction portion of our group is a long-standing tradition with the Chapter and gives everyone present an opportunity to become familiar with the face to match the voice and Call often heard on our weekly Net. Following the business portion of the meeting, several door prizes were drawn.

President Bernie and wife Helga again furnished the door prizes and their generosity is most appreciated.

Our guest of honor and speaker was Dr. Sanford Smith, WA8COK, a retired Dentist and a member of QCWA and Cleveland Chapter One. Dr. Smith's presentation, "An overall view of current Dentistry" was indeed informative and narrated in a lighthearted manner that was easily understood. Along with humorous experiences when first getting started in his practice, Dr. Smith presented a historical review of dental procedures, materials of the trade and equipment in use from past to present. Many questions were posed from the floor. Dr. Smith's presentation was well received and enjoyed by all.

The speaker for our next quarterly meeting April 18, 1998 will be W4EU Earl Carter, whose topic will be "Radio Communication on the high seas" We'll see you there!

A belated but sincere Happy New Year to all!

Paul J. Poling, Secretary

Chapter 2, Chicago Area

At the winter meeting of the Chicago Area Chapter, Paul Crum-W9LC Program Chairman presented Lou Williams-W9GSB who gave a talk on "A Lifetime of Radio and Aviation". Williams described his interest in radio when



Chicago Area Chapter President Jim Quinn-W9MFY (left) presents the sixty years in Amateur Radio award certificate award to Lou Williams-W9GSB.

as a youngster, his father presented him with first, a crystal radio receiver complete with the "cat's whisker", and then with a three tube set. After he earned his Amateur Radio license, Lou became interested in aviation. This led to a lifetime of aviation activity. He told his audience about his experiences in ferrying all kinds of aircraft during WWII, and his subsequent years as a flight instructor and President of the Silver Wings, among other flying organizations.

Chapter 5, Delaware Valley

The winter meeting of Delaware Valley Chapter 5 was held at the Town & Country Restaurant in Bordentown, NJ on December 5, 1997. The meeting was called to order at 12:00 noon by Fielding Waters, W3DIP, since our Chairman George VanDyke, W3HK, was on the sick list with a case of the shingles on one side of his face. As of the middle of January, George is showing slow improvement but is not able yet to operate his low band rigs because of having lost some of his vision. He is now getting treatment for his vision at the Will's Eye Hospital in Philadelphia.

During the taking of orders for the food, the minutes of the September meeting were read by the secretary and approved. The treasurer, Man Foral, W3QGC, gave his report and it was approved. Several announcements were made and each one present was asked to introduce themselves. W3DIP made an appeal to the members to have more of them participate in the planning of the meetings of the organization.

The speaker for the meeting was Steven Garcia, KE2W. Mr. Garcia gave an interesting talk on his life as a child in New York City, and then his pursuit of an education and then his career in the communications and electronics field. His numerous trips to many foreign countries and his experiences while there, and the different jobs that he held, filled his career years to the fullest. His talk was very interesting to the members.

Chapter 5 is always looking for new members and requests that each member try to sign up a new member in the coming year. The Chapter added 14 new members during 1997. We should be able to do better in the coming year.

Chapter 5 invites all members to join in the Sunday morning net at 9:45 am on 3917 kHz. Let us know that you are out there and you will find the net is quite interesting. The time has been changed to add 15 minutes on the starting at 9:45 instead of the old 10:00 am time and it gives more time to pass it around to those present.

Chapter 5 has a home page and all are invited to check in on it and learn what is going on in the Chapter. The address is <http://www.resuba.com/qcwa5>. The secretary can be reached by e-mail at w2uae@juno.com.

Don Field, W2UAE



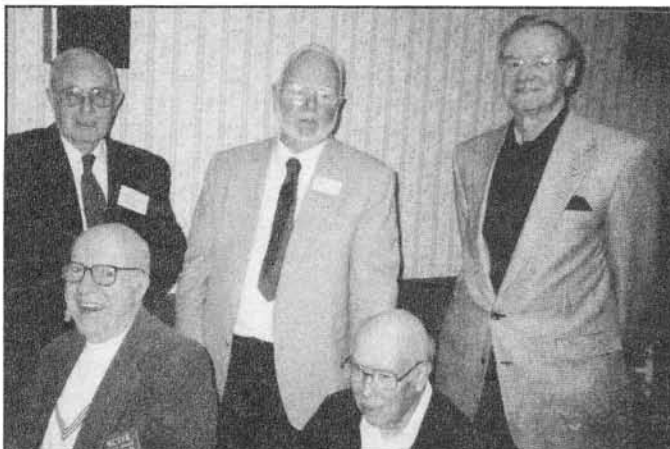
DEADLINE

for Chapter Reports

April 1, 1998

Chapter 6, Pittsburgh

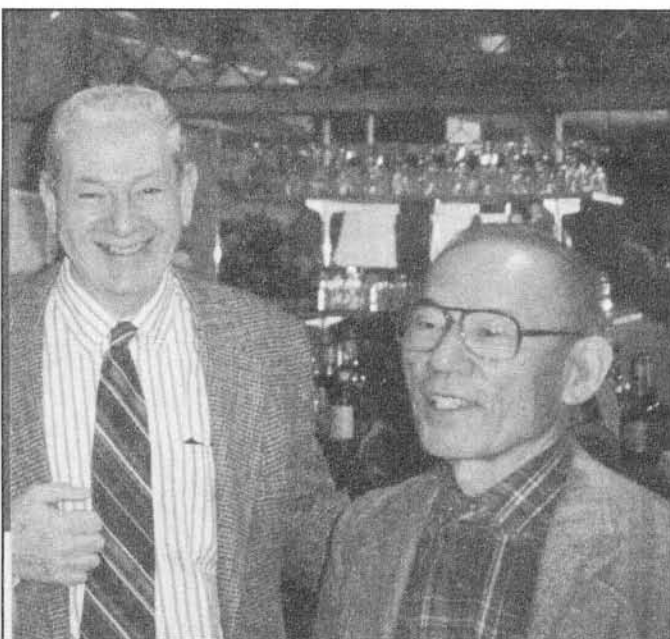
The year end meeting of the Chapter was held at Otto's Hof Brau Haus. The usual fine buffet lunch was served and anybody that left hungry had only themselves to blame. Jack, K3OTY, called the meeting to order with reports from assistant secretary/treasurer "dues are due!" Seth Ward, KC3YE, editor George Kitazawa, NS3O and COOCOM representative Ed Gammeter, W8CSU. Twenty eight members and friends were in attendance for the November 23rd meeting.



Pittsburgh Chapter 6 Secretary Nate, W3SVJ (l) shown with NS3O, the editor.

Art Kunst, W3WM, briefed the membership on the activities at the National Convention in Kansas City. Art also told of his adventures in rediscovering his childhood home in the plains country.

Jack reminded the membership that it was again time for election of officers. After a brief discussion and when



Pittsburgh Chapter 6 (l to r) N3GHI Bruce, Asst. Net Control; KC3YE Seth, Asst. Secretary; K3OTY Jack, Chairman; W3NHQ Bill, Programs and W8CSU Ed, Net Manager.

Chapter Reports

the railroad bells and whistles had stopped the officer corps had remained the same. Chairman; Jack Parsons, K3OTY; Secretary/Treasurer; Nate Firestone, W3SVJ; Editor of the "Pittsburgh Wireless", George Kitazawa, NS3O; Programs; Bill Lawrence, W3NHQ and Net manager; Ed Gammeter, W8CSU.

Program chairman Bill Lawrence, W3NHQ, suggested that we keep with tradition and have the year end holiday sing along. XYL Jan led the group in traditional songs complete with sheet music to keep us all in tune. We had a small gift exchange with some surprises and chuckles.

As an added attraction in the technical department, during the meeting members were helping to get some of the rig's sub-audible tone features operating and on frequency. Chapter 6 has been using the 147.03+ repeater in Carnegie for many years. Because of an interference problem that start in mid 1997 the repeater owners, The Steel City ARC, activated the tone access feature. The sub-audible works fine if 123 Hz is programmed into your transmitter. As the weeks have gone by, more of us have figured out or modified our radios to accommodate sub-audible tones.

Jack polled the members on the next meeting date, April 26 was agreeable, a lot of the "snow birds" should be back in the area by that time. The meeting was adjourned at 3:15 PM by K3OTY.

Nathan A Firestone, W3SVJ

Chapter 10, Michigan

El Nino has really been making a difference in air weather this winter. December was much warmer than usual, and when storms did drop snow, they got the southern part of the state more than the northern. We will have to see what the new year brings, but perhaps those of us who are going the "snowbird" route are going to wish we had stayed home. Those who have snowmobiles or operate ski areas are sure hoping for colder and snowy time soon.

The weekly net is going along smoothly and we are always looking for more checkins. We have had some visitors lately, but would be glad to hear from others. The

net is on 3.903 MHz at 8 AM Eastern time every Sunday morning. There is always some of the members on the frequency from about 7 AM on, so check in anytime. Some of the snowbirds get in early when the skip is still long. It's always a pleasure to hear from them.

Our annual meeting will be coming up soon after this copy of the Journal reaches you, so you are reminded to keep it in mind. We again will be meeting in Cadillac on the day of the Swap-Shop. So far as is presently known the date will be May 2, 1998. Closer to the date full info will be available on the net. You need not attend the Swap, as we always meet after for a nice luncheon and the meeting. Many go directly to the restaurant if they do not feel up to the Swap.

Beverley Stoner, K8ZJU, Sec'y

Chapter 16, Arizona

Sixty one members and guests attended the tenth annual SOWP-QCWA Luncheon meeting at the Pepper-corn Grille in Scottsdale.

Bob Menefee, AA7QJ, and the Banjo Band, provided entertainment before and during lunch.

After lunch, Ralph Barr presented Bill Jackson, W6HDP, a service award recognizing his 50 years in ham radio.

Frank Smith, AHOW, presented the Program, a slide presentation on two of his most recent DXpeditions, Kure Atoll & Midway Island.

He stated Kure Atoll is now a wildlife refuge, but is highly restricted - there is absolutely no trespassing or boat landing is permitted on the atoll. He and four other hams went there in the company of four fish and wildlife people who oversee Kure. Kure is ranked #3 on the needs list in Europe (out of 329 possible) of most wanted DXCC countries, so our main effort was aimed to help Europeans.



L to r: Harry Snyder W7HC, Bill Jackson W6HDP and Ralph Barr WØDNO.

In his presentation, he talked about the Midway Island DXpedition, held the prior year. He and four other hams were the first "non essentials" ever allowed on Midway in over 50 years and the first ever DXpedition there. The Midway portion of his program included some WWII related pictures including the Battle of Midway.

In Closing, Bob Menefee, AA7QJ, lead the group in "Jingle Bells" and "God Bless America".

Ralph Barr, WØDNO, President

**THE JOURNAL IS AVAILABLE FREE
TO BLIND PAID-UP MEMBERS ON
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**INFORMATION, CONTACT
BLANCHE RANGLES, W4GXZ
(MAY 1-OCT. 1) 44 Western LN.,
Amherst, MA 01002 PH: (413) 256-0179;
and (OCT. 1-MAY 1) 6002 N. Fremont,
Tampa, FL 33604
PH: (813) 870-0867.**

OR

**TOM CARTEN, K1PZU
(tfcarten@leo.kings.edu)**

Chapter 19, St.Louis

At the annual meeting, the following new officials were elected. Chairperson John Rogers, WOWC, Secretary/Treasurer, Mike Hoshiko, W9CJW and Board Member John Ellison, WOERZ. During the year the following members received their 50 year certificates, Harry Anweiler, WOZOL; John Davidson, WOZFN John Ellison, WOERZ, Lew Gorden, K4VX and Ray Widaman WODFT: 50 and 55 year certificates Henson Miller, WOKNO, 60 year certificate



Left to right: John Ellison WOERC, John Rogers WOWC, Chairperson and Mike Hoshiko W9CJW Sec/Treas.

awarded to Carl Widell, KDOIR and 55, 60 and 70 year certificates awarded to Steve Geis, WOKOC. The Chapter now has a total of 42 members with 11 members as life members. The Club meets every month for lunch with a program arranged by the program Chairperson Jim Olasscock WOFF. Six members attended the National Convention in Kansas City they were Roger Volk KOGOB and his xyl, Mike Hoshiko W9CJW, Catherine Dunlap W4OMG, Floyd Dunlap W4OMH, Lew Gorden, K4VX and Marie Gorden, NSOZ.

The Chapter meets every second Saturday of the month for 12 noon lunch at Rich and Charlie's Restaurant, 9942 Watson Rd., St.Louis, visitors welcome. Usually about 20 members attend which is about 50% of the members.

Mike Hoshiko W9CJW Secretary/Treasurer

Opportunity never stops
knocking -- we just get hard of
hearing

Chapter 21, Canton Ohio

"It was a dark and stormy" afternoon in Canton, Ohio, as rain turned to snow on November 15, 1997, when Chapter 21 met for its quarterly meeting at the Hometown Buffet. There were 35 members and guests present.

President Ed Clinger WA8DRT announced that William K. MacNealy WD8LFM became a Silent Key this week. A donation to the scholarship fund in his memory was approved.

Nelson Caley W8EAR was elected to a two-year term as director.

For the program Mel Vye W8MV described his travel and DXpedition to St. Pierre and Miquelon Islands south of Newfoundland. He reviewed a brief history and characteristics of these French islands. He operated on 40, 80, and 160 meters and experienced terrific pile-ups using high-speed CW. The 160 meter antenna was a wire attached to a kite which was exciting during a thunderstorm. He and others are planning to return for the ARRL 160 meter contest in December, 1997, operating as FP/W8MV.

David Glass W8UKQ, Secretary

Chapter 32, Gator

The meeting was attended by 37 members and guests. A visitor this month was John Pawlowski K1GSI. Correspondence was received from QCWA National Headquarters thanking the Chapter for it's donation in memory of Vince Schauler W0MZX and Helen Schauler thanking us for our concern. Other messages were received from Doc Appleton K4RR and Art Kunst W3WM sending their regards to the Chapter members.

The program this month was a talk by Blanche Randles W4GXZ describing her experiences in ham radio. Blanche was first licensed in 1954. She told of running phone patches for the servicemen stationed along the Dew Line during the cold war and being able to talk almost daily with OM Wes W4COW working there too. She spoke of living in Jacksonville, Key West and Massachusetts. Blanche told of her association with YLRL, her joining QCWA, helping establish QCWAW for YL Hams and Chapter 120 QUARTER CENTURY WIRELESS WOMEN.

Blanche has served on various committees and held many offices in YLRL and QCWAW. Blanche has received many awards and accolades for her years of dedicated service.

Birthdays this month are; Ren and Mary Whatley WA4JVR, Bill Carpenter WA2KFH, Betty Swingle XYL of Joe W9DGW, Enis Appleton XYL of Doc K4RR and Hazel Bushell XYL of Bill VE3DXY. Anniversaries are Ren and Mary Whatley WA4JVR and Bob and Janice Lentz K4IJK.

It was reported that Big John Edel K8LBZ had successfully under- gone major surgery. Eloise Winters wife of Phil K8THT was ill and Vi Leedham wife of Fred W1WOX was scheduled for more medical tests. Wes Randles W4COW reported on his attendance at the National Convention in Kansas City, MO. Other Gator members at the Convention were Jerri and Bill bell K4AVH, Eloise and Phil Winters K8THT, Janet and John Edel K8LBZ, Sylbia and Art Kunst W3WM.

President Frank Obenauf W2IAJ accepted the nomi-

Chapter Reports

nating committee report from Chairman Fred Leedham W1WOX. The proposed slate is President, Frank Obenauf W2IAJ, Vice President Don Bice W4PCO, Secretary Bart Bridge W2ZYQ, Treasurer Bill Carpenter WA2KFH and Director Bill Bell K4AVH. Director Art Monsees W4BK requested that he be removed as a director. The Board of Directors will appoint a replacement to fill the balance of his term. There were no nominations from the floor. A motion was made, seconded and carried that nominations be closed. The Secretary will cast one vote. Installation will be at the December meeting.

Treasurer Bill Carpenter WA2KFH reported a balance on hand of \$874.07. DUES ARE DUE! Gator Chapter dues will remain at \$4.00. You must be paid up by the February meeting.

QCWA will have a table set up at the 22nd Annual SUNCOAST AMATEUR RADIO & COMPUTER CONVENTION on November 22 & 23 at the Florida Expo Park in Tampa. Please stop by the table and assist with the recruiting of new members.

The program for December will be a short talk by Mr. Ron Dickman, Executive director, of RELIGIOUS COMMUNITY SERVICES Inc. For many years the Gator Chapter has supported R.C.S. with a Christmas check gift. Our individual donations, as in the past, will be matched by the Chapter treasury.

We need more members! Check out your ham friends and see if they qualify. Let me know and I will send them an invitation letter and an application.

Gator Chapter Net meets on the K9BSL repeater Saturday mornings at 0900 local. The frequency is 145.290 down 600 Khz. All are welcome. Informal QCWA schedules are held Monday, Wednesday and Friday on the repeater at 16:00.

Gator Chapter meeting is held the first Saturday of every month at Stacey's Buffet 1451 Missouri Avenue in the Midway Shopping Plaza, Clearwater. Lunch starts at 11:00 with the meeting at noon. See you there?

Bart Bridge W2ZYQ Secretary

Chapter 35, Kansas City

The QCWA 50th Anniversary October week end is now gone, and the QCWA Local Chapter is again enjoying weekly luncheons at Sherlock on Homes. Last week the two dozen attendees reviewed the picture prints taken at the KC Convention Banquet.

If we had your address and took a snap shot of you while here it has now been mailed to you as a memento of the 50th Anniversary. We also have received a number of favorable comments from the slightly less then 200 participants.

A popular place was the Hospitality Room, where chit chat and QCWA information was exchanged. In this sample photo "Gene" Nailon K5DLE of Oklahoma tells "John" Feltz W9JN of Wisconsin he had car trouble in route and rented a car to continue the trip. John tells about "his Green Bay Packers" good enough to win the playoffs (and they did)

A common discussion theme was HOW to get more members into QCWA and HOW can you get existing mem-



John Feltz, W9JN (l) and Gene Nailon, K5DLE exchange stories about automobiles.

bers to attend Annual Meetings. The thank you letters complimented the KC Chapter for excellent speakers, and especially mentioned the Banquet Speaker CHARLES W. GUSEWELLE, internationally known Newspaper Correspondent who talked on "Traveling to the Edge" and held the audience spellbound for the entire presentation. Certainly a QCWA 50th anniversary time to remember.

Cass Cassing W0GJG, Publicity



Chapter 37, Harrisburg

The final Chapter meeting of 1997 was held on December 13 at Shoney's Restaurant in Carlisle, PA. Fourteen members and five guests were present. A nice lunch was enjoyed by all present, followed by our business meeting, where the following officers were nominated and put into office for 1998. President, W3KRM, Marshall Stenger; Vice-President, K3IUY, Irv Sanders; Secretary, W8IJ, Dave Barrows; and Treasurer, WN3DUG, Carl Morris.

A live demonstration of APRS (Automatic Packet/Position Reporting System) was given by N3NRI, Greg Harbaugh and his son, Greg, Jr., complete with GPS equipment and an actual APRS system in operation. This was very interesting to all and created some new converts to APRS.

Our next meeting will again be at Shoney's in Carlisle, PA, on the second Saturday, March 13, 1998. Visitors are always Welcome!

It is with much sadness that we have to report that one of regular members and friend, W9GZV, Merton N. Baird, became a Silent Key at the age of 93, on January 28, 1998. He was licensed in 1931 and worked as an electrical engineer for General Electric in Fort Wayne, IN, for 31 years.

Carl Morris, WN3DUG - Treasurer

Chapter 38, San Antonio

We meet at 11:30 a.m. on the fourth Saturday of each month except in June and November when we meet on the third Saturday and in December when we do not meet. Due to conflicts with other amateur radio activities, the meeting date may occasionally be adjusted. We continue to rotate our meeting place among several local restaurants. For confirmation of the date, time and place of the next meeting, call Jim Wright, K5CDT, at (210) 655-2346. If he is out, leave a message and he'll call you back or you may contact him by E-Mail: k5cdt@juno.com

The last meeting of 1997 consisted of a turkey and pot luck luncheon at The Becker Center on November 22. The only order of business was the election of officers. New officers for 1998 are Steve Cerwin, WA5FRF, and Derwin King, W5LUU, who were elected President and Vice-President respectively. Jim Wright, K5CDT, was re-elected as Secretary, and the out-going President, Ray Wangler, W5EDZ, was elected Treasurer.

On January 24, The chapter kicked-off 1998 with a well-attended meeting at La Fonda in Oak Hills Mexican Restaurant. For the program, Derwin King, W5LUU, described some of his thoughts about digital control of remote bases and repeaters—a new kind of repeater! The system described by Derwin would use telephone lines and 70 CM control links. It would be ideally applicable to amateurs who for whatever reason cannot operate at their current locations, but would enjoy having access to fully capable HF operation. He intends to pursue further study and will seek assistance from the chapter's members, who were stimulated by the idea.

Jim Wright, K5CDT, Secretary.

Chapter 45, Citrus

We regret to have to report that Don Warren, W8FQE, became a Silent Key on November 16, 1997. Don was a member of QCWA from 1982, Being licensed W8FQE in 1932, and held his 65-year certificate. While not able to participate in Chapter affairs recently, he was very interested in what the Chapter and the members was doing.

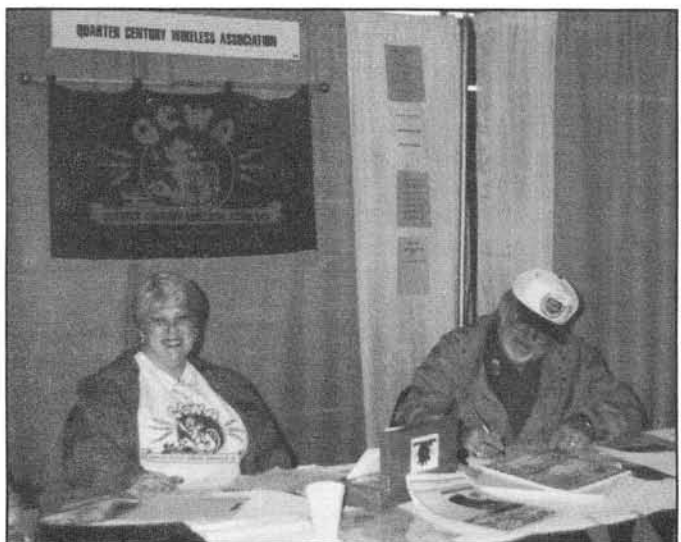
Our annual meeting was held on December 20th, 1997 in the Stacey's Buffet at Altamonte Springs. There were 37 members and guests present for a fun filled Holiday meeting. John Reinke, W4CU, brought his portable piano and entertained before, during and after the meeting with many favorite tunes. John is a very accomplished player and his contribution was one of the highlights. Herman Kramer brought decorations, from his seemingly endless collections, accompanied by Christine and the "elves" (grandchildren). The only business was to formalize the election of a Treasurer and a Secretary. The incumbent Treasurer, Mort Cohen, WA2ARS and Secretary Paul Turner, W1DLP, had agreed to serve for another two years. With the required formalities taken care of the rest of the meeting was devoted to good fellowship.

Chapter 45 has held it's meetings at the Stacey's Buffet for several years But by the first of the year Stacey's had closed its doors for reasons unexplained. Meetings will be on the third Saturday of the month at 12 Noon. If you are traveling in the area, information as to the meeting place can be obtained by tuning to the Chapter repeater W4PLA. 147.195 MHz, at 1930 hours local time each Tuesday. All visiting Hams will be given a warm and friendly welcome.

Paul A. Turner, Secretary

Chapter 49, Peach State

Our annual Christmas meeting was held December 6 at Morrison's on North Druid Hill Road. After our noon lunch, the meeting was called to order by President Jud Whatley, W4NZJ, with 18 in attendance. Several members had notified that they were unable to attend due to illness and



Mary Whatley WB4ALU (XYL of Jud, W4NZJ) signs up Terry Jones K4FB, at the Lawrenceville, GA hamfest in November.

Chapter Reports

one with Texas size sprained ankles, yes two!, John Hill, W5HX.

Congratulations were made to members Jud Whatley, W4NZJ, and Mike Swiderski, K4HBI, along with Mike's XYL Susan, AF4FO, all upgrading to Extra Class recently. Jud also reminded everyone about the name change to Chapter 49, "Peach State".

New Business conducted at the meeting consisted of the Net report from Wendell Cushing, K4VN, who reported both VHF and HF nets with good activity and participation. The annual election of new chapter officers was then held and the new officers for 1998 are: Frankie Womack, W4BJT, President; John Hill, W5HX, VP; Bob Lear, K4SZ, Secretary/Treasurer; and Directors: Phil Goodman, W5YVT, Bill Plage, W4DQT, Bob Brady, W4RK, and Jud Whatley, W4NZJ. The new president thanked the outgoing officers and directors for their service to the chapter.



Mrs. Santa Joan Cushing, XYL of Wendell K4VN, presents a Christmas gift to our new Chapter 49 President W4BJT (seated).

The annual Christmas party exchange gifts were handed out by Santa's helpers, Joan Cushing and Ilene Doughty. The gift openings were accompanied by Oohs and Aahs for everything from new tools to (reportedly) working antique equipment! The meeting was adjourned at 1:50 PM.

Chapter 49 members manned a booth at the Alford Memorial (Stone Mountain) Radio Club Hamfest held in Lawrenceville in November. Several new chapter members were signed up at the hamfest. We welcome Steve Adams, K4RF, Duane Buchanan, KT4XE, Mike Combs, K4LMS, Pete Culwell, N4EW, Bob Dodson, WB5APD, Tom Hand, W4WDS, Terry Jones, K4FB, Paul McInnish, K4BER, Dick Ray, KS4KR, and Jim Worthington, AD4J.

It is with sadness that we report the passing of members Dale Campbell, W0SUP, and our most recent chapter secretary/treasurer Bob Brady, W4RK in late December. Bob has been very active and supportive of the chapter. He will be greatly missed.

The next meeting of Chapter 49 is scheduled for Noon on March 7, 1998 at Morrison's.

Bob Lear, K4SZ, Secretary/Treasurer

Chapter 51, Tex-La Golden Triangle

Our November meeting was held at the Beaumont Red Lobster Restaurant. Dukes Graham, K5JFM, read a letter from Mary Dosland, W5DEW (The Texas Dewdrop). She sent along a picture of one of her early rigs.

Our speaker, Vince Cormier, N5FAM, presented a very interesting program on early phonographs and demonstrated a restored 101 year old Edison cylinder instrument.

Our December meeting was held at Dorothy's Front Porch. The following members selected to serve as our officers for 1998:

President - Dukes Graham, K5JFM

Vice President - Mary Jean George, WA5FQX

Secretary/Treasurer - Dee Evans, WA5BEU

We were delighted to have Art and Opal Kay, W5APX and N4SML, who now live in Tennessee with us for the meeting.

Our January meeting was held at Dorothy's Front Porch.

Bill Terrell, K5EVG, presented the program about "rocks", referring to the quartz crystals that are used to control the frequency of an electronic circuit. He described in some detail the evolution of the phase locked loop that we use today to allow us to easily change frequencies. He pointed out that these fancy digital devices are still dependent upon a descendent of our old friend from our novice days, the "rock", to obtain their reference frequency.

We regret to report that Montie Moncrief, W5JGD, whose 100th birthday we celebrated at our September meeting, has become a silent key.

Dub George, W5DUB - Bulletin Chairman

Chapter 53, Suncoast

The Snowbirds are back, and most of the Florida chapters now have swelled ranks at their regular meetings. Chapter 53 is no exception. With these additional attendees come a source of some very interesting speakers from the frozen North, not the least of which is our new President, Frank Schwab, W8OK.



Outgoing Chapter 53 President Croft Taylor, VE3CT (r) extends best wishes to incoming President Frank Schwab, W8OK at a breakfast meeting in Venice Florida.

With the assistance of Vice President Bob Siff; Frank has entertained at two Chapter 53 luncheons with a wealth of material. In December, he came up with a very interesting Video entitled "The last Days of Kuwait" - depicting the role Amateur Radio played at that time. Thanks go to former President John Karban, W3IGC, for supplying the Video Equipment for this showing. In January, Frank, who is well known as a CW contester, showed the members, through the 35mm slide medium, all of the activities which take place on a typical CW expedition. He even had sound recordings to demonstrate the CW pileups, which really perked up the ears of some old timer operators in attendance.

Don't forget the welcome mat is out at Chapter 53 for all Snowbirds at noon on the first Thursday of each month in Sarasota at Denny's Restaurant on Bee Ridge Road. This is Exit 38 off 175.

Bea Pearsall, KA9QJS, Secretary

Chapter 54, Tyler

Chapter 54 held their annual Christmas party last year on December 5th, at Ryan's Steak House in Tyler, Texas. There were 20 chapter members, spouses and guests in attendance.

After an enjoyable luncheon, our President, Harry Moore; W5BXV, welcomed the group, followed by a minute of silent prayer for Edmund Surer, W5CNC, who passed away earlier this same day. Ed was one of the founding members of this chapter back on the 26th of July, 1971, and was most active as Net Control of our weekly Sunday morning net on 3835 KHz at 0800 local time.

The program for this meeting was "UN-?" UN-known to all except our esteemed President! He invited chapter members to tell of their most UN-usual or UN-likely QSO. Some of these were quite interesting! This was followed by the UN-likely contest between the "HAM" members of the chapter to send a short CW message.....not with the Vibroplex Bug on the table... but using a LARGE foot-operated straight key on the floor connected to a code practice oscillator. You can imagine the hilarity among the troops during this part of the program. Afterward, a vote was taken and the sender providing the most readable copy



Front row (L-R): Harry Moore W5BXV, Ruth Cammack XYL W5RRM, Kathy Rogers K5IHF, Maureen Sewell Widow W5IZU, Lynn Heinol XYL WA9CUA, Beverly Hogue XYL W5JTL, Al Heinol WA9CUA and Wayne Stelzig W5HWW. Back Row (L-R): Walt Tibbles W0YZI, Norm Wehrli W5JPC, George Lee K5HT, and Cecil Cammack W5RRM.

received his just reward. Hi. Hi.

W5BXV displayed a couple of mint-condition radios of the 1920's-1930's era, like an old Atwater-Kent TRF receiver and another unit that reminded me of an old RCA Radiola II that I, owned back then.

W5BXV's spouse concluded the UN-usual program by handing out page-size prints showing 24 different scenes, each representing a familiar Christmas carol. Each scene was numbered and the participants were asked to write the name of the carols as depicted, such as (Jingle Bells, Jingle Bells; Joy to the World; Rudolph the Red-Nosed Reindeer; Deck the Hall with Boughs of Holly; The Twelve Days of Christmas; No "L"; etc. The answers were graded with 10 points if correct, 5 points if the response was close and zero points if no answer or totally wrong. Gift certificates were given to the winning lady and gentleman.

All present said they had a most enjoyable time.

Harry Myers, K5YPH Secretary/Treasurer

Chapter 62, Suwannee

The SUWANNEE Chapter held its annual meeting on Dec. 13th with 15 members and 7 guests. The elected officers for '98 are: President: Bud Wilson, KB3NR; Vice Pres.: Tom McDonald, W1MRJ; Secretary, Hal Maider, K2HWW; Treasurer: Tom Brumbaugh, KI4CX; Director: Daisy Coleman, W4QAV; Director: Rollo Medler, W4ANN.

The focus at our annual meeting was toward gaining new members in '98 so that we can continue to serve the needs of amateurs who have achieved the quarter century status. Visitors to the OCALA, FL area are welcome to join us at RYAN'S FAMILY STEAK HOUSE on Silver Spring Blvd at 11:15 AM on Thursdays for the following meeting dates:

JUNE 25th AUGUST 23rd OCTOBER 22nd DECEMBER 10th

Hal Maider, K2HWW, Secretary

Chapter 63, Central Oklahoma

Central Oklahoma Chapter 63 held their first quarter luncheon on the 17th of January 1998. There were 33 members and guests present at the meeting and everyone had a good meal and enjoyed the meeting. Following the delicious lunch, we had a business meeting.

It was reported that our Chapter had four silent keys during 1997. They were K5VRL-Jim Williams; K5WUF—Dale Diehl; K5KKF—Frank Berry; and W5VZY-Leland Lash. We had two other members who chose not to renew membership with the Chapter.

The good news is our Chapter had 33 new members during the year and we finished with 120 members in Chapter 63. Many of the new members were the result of some very hard work done by Gene, K5DLE, our Net Manger for the Chapter. Of the 33 new members, Gene enlisted 25. Good work, Gene.

The next order of business was electing new Officers and two Directors. They were President, BRAD THOMPSON, AC5CQ; Vice President, JOHN N. MATHIS, K5CBP. The Directors are BOB GRAHAM, W5RXN and WILLARD HENDERSON, W5UZV. These were elected for a two year term. They are joined by two other Directors HAROLD

Chapter Reports

HALL, KA5AGM and RONALD TUCKER, K5IGB and Secretary/Treasurer NORMAN WILSON, W5FLO, who has one year left on their term. GENE NAILON, K5DLE, is our Net Manager. These are our Officers and Directors for 1998 for Chapter 63.

A very hardy thanks were given to the outgoing officers, who were President, Jay Ingram, W5QVS; Vice President, Jackolyn Olson, K5ENU; Directors Bill Williams, K5JVD and George Lagaly, W5NTL. They served our Chapter well for the last two years. They will remain active in the Chapter in the coming years. Again thanks guys and gal.

The next order of business was presenting the MERITORIOUS AWARD to GENE NAILON, K5DLE, for his hard and dedicated services to our Chapter and to QCWA.

Gene also gave a very good presentation on how to build and install an HF Mobile Antenna system. This was enjoyed by all as most of us are or have been HF mobile. It brought back many memories for a lot of us present. Following this the meeting was closed.

Norman M Wilson W5FLO, Secretary/Treasurer

Chapter 64, El Paso

The El Paso Chapter of QCWA meets for lunch, fellowship and a meeting at noon on the third Saturday of each month at Buck's Bar BQ at Sanders and Dyer Streets. Visitors are welcome. We have our on-the-air meeting every Saturday morning at 3:30 local time on 3933 KHZ for informal chit-chat. Our club call is W5RO.

We regret to announce that another of our charter members, Harold H. Bernhard, K5AP, became a silent on November 14, 1997. A donation to the scholarship fund was made in his name. Our condolences go to his family.

Our annual meeting was held in December. Newly elected directors, who will serve 2 year terms, are Jack Scheiderer, AB5CP and Dick Martin, W5LUG. Jean Carlson, KOZRD, was reelected president. Earl Wood, WA5YRP, and Ralph Carlson, K0ZRC, volunteered to represent our chapter on the El Paso Hamfiesta committee.

We are pleased to have our new member, Frank Bennett, K5YH, and his XYL, Jean, join our luncheon groups.

Several of our members attended the annual Worked All El Paso awards banquet on January 23. The club station, W5RO, received a plaque for participation in the contest. Bob Smith, K5VRF, received plaques for having the highest score for a QCWA member and for working the most states in the contest, which is held annually on the first weekend in November. Jean Carlson, KOZRD, received a plaque for making the most DX contacts and also received a cup for having the highest score in the contest. Bill Rodgers, K5TLU, a long time member of Chapter 64, has been at the helm of the WAE contest for many years and his work has been greatly appreciated. This year he was assisted by Lew Maxwell, KB5HPT. Thanks, fellows, for a great job.

Jean Carlson, KOZRD, Pres.

Chapter 70, National Capital

The Seniors Video Repeater was the topic of our guest speaker, Bill Westbrook VE3EKA, at our last meeting, Nov. 19, at Ottawa's Carlingwood Family Restaurant. The 31 members present found the video showing the raising of the antenna on the roof of a local TV station most interesting. The planning and financing involved in its construction and installation, by a committee of the local Telephone Pioneer ARC, was also explained.



Rod Newkirk W9BRD/VE3 (left) receives 60 year scroll and pin from Chapter 70 Director Ralph Cameron VE3BBM (right) November 19, 1997

Rod Newkirk W9BRD/VE was presented with a 60 year pin; Dave Parks VE3AV with a 30 year pin; and Joan Powell VE3ZC, a 25 year pin. An election was held for the 1998 Executive with Jim Dean VE3IQ becoming President. Thanks was expressed to those currently serving. Our Internet Home Page is located at www.qcwa70.cyberus.ca. At 0930hrs on Thursday mornings at the Embassy West Motor Hotel, any hams are welcome to join us at breakfast.

Joan Powell VE3ZC, Sec'y-Treas.

Chapter 72, Fort Worth

The regular monthly meeting of Ft. Worth Chapter 72 was held on Jan. 17th, 1998 at SPRINGCREEK BARBECUE Restaurant. There were 32 members and Spouses present. President Tom Abel, W5HAH, called the meeting to order at 1200 Noon. Tom asked that each member in turn rise and give name and Call.

We are sorry to report that Rod Roderick, W5OLI is in a NURSING HOME in Ft. Worth. W5QU operated the QCWA CW net for many years each Wednesday at 2000 E 7035 KC. Rod is a good friend and excellent CW operator. He will be missed. Jan Hair, K5EGB, gave a report on SIREN TESTING and the unsatisfactory condition of some of the sirens. She suggested that we contact the city council and recommend that necessary repairs be made. Paul Brewer, N5HRY stated that the RACES emergency Radio Van would be present at MayFest this year and could control the sirens in case of an emergency.



President Tom Abel, W5HAH, far left, presents certificates as follows: (l to r) Jorday Jones W5CF - 55 yr.; Lloyd Reynolds W5QCN - 60 yr.; John Goin W5GIC - 60 yr.; John D'Andriole W5NNU - 55 yr.; Ray Hennington W5IWE - 55 yr. This represents 285 yrs. of Amateur Service. Photo by Keith Pugh, W5IU.

QCWA Ft. Worth Chapter 72 meets each month on 3rd Saturday at 11:00 A.M. at Springcreek Barbecue. Visitors are always Welcome.

Jack Dye, W5LUE, Sec/Treas

Chapter 75, Central California Coast

Our fall luncheon was held on Saturday Nov. 1, 1997 at Maria Del Sol restaurant in Santa Maria, California, attitude adjustment time 1200 to 1300 with a serve yourself buffet with BBQ CHICKEN, BBQ TRI TIP & ROAST TURKEY along with salads, veggies & dessert, really excellent food & all we could eat available.

Mayor Abel Maldonado of Santa Maria was unable to be present on our Nov. 1st. luncheon. as previously announced, but he did provide his very experienced and talented stand in, Eric Gamble, an expert in all aspects of farming in Santa Maria valley, "THE VALLEY OF GARDENS" known as Truck Gardening. In Santa Maria valley, Truck Gardening is VERY BIG BUSINESS.



L to r: Eric Gamble, an expert in truck gardening and Len Cummings W6RBB, president of the chapter.

Eric Gamble explained to our luncheon group of 30 members and friends that being successful in truck gardening requires constant unending attention of field workers blended with giant machines for planting and harvesting. Selected seeds are first grown to six or eight inch seedlings before being planted by field workers with one of the giant machines which make holes in up to 10 rows that are filled with the seedlings. When the seedlings mature, another giant machine, serving up to maybe 10 rows, is used to harvest the vegetables. Eric was kept busy with questions & answers for some time after which several potted plants were given away as door prizes.

Dave Kreiss W6ELH, Secretary

Chapter 81, Long Island

Our December meeting included a banquet of awards which were presented to long-timers in the Chapter. QCWA Century Club certificates to K2AW, W2IXX, W2PPT, W2ICW, W2OQ, W2ERJ and QCWA Anniversary Gold Certificates to W2ERJ, W2COQ, W2VZQ, W2QUV, K2AU, W2KPQ, W2OEJ, W2BIT, W2PPT, W2OQ, and W2ICW. One wonders where the space in the shack for all those frames will be found. The photo shows six of the recipients - W2ERJ, W2ICW, W2KPQ, W2IXX and W2QUV. The Marlin in the background is the logotype for our meeting place, The Merrick Marlin Restaurant.



Chapter 81 awards December 13, 1997: W2ERJ, W2ICW, W2KPQ, W2IXX and W2QUV.

1997 was a year in which we found a few new recruits for the Chapter and our faithful Kate, AE2Z, found a few recruits for QCWA. She regularly attends the local hamfairs, sets up a table and greets inquirers with a smile and an application form. The Chapter now has 54 members.

This year we are recruiting again to see if we can bring a few more of the unaffiliated QCWA folks out to some of our five meetings during the year. We have changed our meeting time to days in the Winter and evenings in the Summer.

The officers for 1998 are President: Charlie Baker, W2KTF; VP: Sid Wolin, K2LJH; Secretary: Carroll Hamlet, W2QBR; Treasurer: Hugo Landerer, W2IGH. Directors are W2VZQ, W2WSP, NN2C, WB2RXG and AE2Z.

Carroll Hamlet, W2QBR Secretary

Chapter 91, Vic Clark

The Vic Clark Chapter 91 held its first meeting of the year on 17 January 1998 at Neighbors Restaurant in Vienna, VA with 17 members and 7 guests in attendance. Our new president, Terry Hines (N4ZH), opened the meeting, welcomed everyone, and asked each person to do a self introduction.

Secretary-Treasurer Dick Rucker, KM4ML, proposed the chapter donate \$100 to the QCWA's Memorial Scholarship Fund in memory of members Ethel M. Smith, K4LMB; Kenneth A. Clark, N4FU; and Harry Z. Kaklikan, W4ACN who became Silent Keys in 1997. The members present so moved, seconded, and unanimously passed the proposal.

Dick also encouraged members, who have not yet done so, to write their bios for the chapter scrapbook. Don't wait for someone else to write it for you as an obit! Dick also noted that the membership got a real treat in the last newsletter with Jack Kelleher's, W4ZC, bio recounting his experiences in the early development of mobile VHF equipment for military use during WWII.

Jack Kelleher, W4ZC, QCWA National President, made a few brief comments concerning the board meeting held last October in Kansas City. He noted that the QCWA Journal has a new editor in the person of Gerry Wentz, KC4EHT, and also a new look. Jack solicited comments from anyone on what they either like or don't like about the new format.

Jack also apprised the members of a telephone companies proposal to the FCC to allow them to apply per-minute charges for internet access calls similar to the charges for interstate long-distance service. It was pointed out that the FCC had already ruled against this particular proposal last May. However, the underlying issues of paying for the infrastructure to support the growing demands for Internet service remain unresolved.

New President Terry Hines, N4ZH, opened his remarks by talking about the chapter's objectives. He noted that while the fellowship we share is good it is not enough. Considering the wealth of amateur radio related experience among our members, Terry suggested we focus our energies on "Elmering". For example, there are ham clubs in a half-dozen high schools in Fairfax County which could benefit from the knowledge and experience of our members. Should we not offer to assist the faculty counselors of these clubs and advance the hobby? No definite action was taken but the idea will be pursued further after making some contacts in the school system.

Terry presented the meeting with a set of proposed "themes" for the year 1998 — along with nominal dates:

January	Membership Drive
February	Elmering
March	Field Trip to National Weather Service
April	Homebrew and Kits
May	Field Day Antennas
June	Chapter 91 in the Field (For Field Day)
July	Picnic
August	QRP/QRO

September	open
October	Field Trip to the Annapolis (MD) APRS Facility
November	Elections
December	Holiday Party

The membership approved this list as a guide for 1998. Sounds like a full year!!

Terry also proposed tightening up the Sunday morning Chapter 91 2-meter net operation. He wants to get the business over quickly for those who have other commitments and then let those who can or wish to engage in general discussion do so. All those in range of the Fairfax (VA) 146.79 repeater are welcome to join in at 0900 on Sunday mornings.

The feature of the meeting was a presentation by Greg Haas, W5ZNT, our new Vice President. Greg lives in a town house and is limited to an attic antenna for twenty meters and above. He outlined his procedure to satisfy the FCC and, more importantly, himself that he did not subject anyone to radiation in excess of the newly promulgated guidelines. Greg was concerned about his town house neighbors, separated from his attic by a masonry wall. But even more important, he was concerned about his wife who has her sewing room on the second floor just beneath his attic antenna! Measurements were made using a combination of homemade and commercial instrumentation. Greg's presentation was quite detailed — much too so for inclusion here. He did conclude that his station produced no radiated fields in excess of the safe limits. Well done, Greg!

Terry, N4ZH, donated three books for auction which netted the chapter \$5.00.

73 de KM4ML and W4BHD

Chapter 95, Eastern New York

Oh, those lucky hams with an antenna farm and ham shack building. Although not fortunate enough to have separate facilities for the ham station, I found a comfortable setting right in my living room. With a fire in the fireplace I spent many hours this past winter with an end table rig next to my easy chair. But wait, spring is around the corner. All the chapter members are looking forward to being outside in the evening now that the days are longer. No time like this to check out the antennas before the buggy, hot days of summer. My XYL has several times mentioned how nice a patio would be. This might be just the year to equip a new patio with coax feeds and an AC outlet for the transceiver. I could sit and operate while enjoying lemonade and fresh air. Show and tell is in force at our chapter. Many of us have brought in station pictures, old receivers, new handhelds, 2m antennas and keys to share with the others at the luncheons. Conversation is never lacking either on the air or at the luncheons. With our chapter club call (KB2YHX) we can now think about a summer picnic where it can be put in use by members. All we have to do is agree on when and where! Fond memories of our first stations with heavy weight equipment are now challenged with all the fun lightweight portable gear brings us. Toasting marshmallows at a chapter outing makes the good

weather seem great. Bring along those SW portables and turn spring loose at a park picnic table. Let us enjoy spring and ham radio too.

KJ2T

Chapter 100, East Georgia

Chapter 100 held its December meeting on December 18 at Quincy's Restaurant. All attending were asked to bring an unwrapped gift for a child ages 1-14, boy or girl. They would be presented to our guest speaker, Allison Kyff, Development Director for the Abused Children House here in Augusta.



L to r: Ms Allison Kyff, Director of Abused Children's Home in Augusta Georgia and Donald Anderson K4PSW, President of Chapter 100.

Ms. Kyff told us of the type children housed and the process of assisting them. She also spoke of the various agencies that provide the shelter assistance. After the meeting, she was presented with the toys by the President, Don (Andy) Anderson, K4PSW.

Donald R. Anderson K4PSW - President

Chapter 105, Middle Tennessee

Chapter 105 remained about the same in 1997 with a few new members along with some members becoming inactive. We encourage those inactive members to reclaim their activity and again enjoy what Chapter 105 has to offer.

Charles Q. Wolf, WA4BMV becomes the Chapter's first Silent Key since its reorganization in 1994. Charles was one of our most faithful members in his regular attendance and willingness to participate in whatever he thought was good for the Chapter. Charles served two terms as Vice President and was elected president for 1998 at the November 1997 meeting. He will certainly be missed by all who knew him, especially Chapter 105.

Bob McGraw K4TAX, Vice President elect will become president at the February 1998 meeting and a Vice President will be chosen. Milton Fanning, WA4GZZ Treasurer and O.D. Keaton, WA4GLS, Secretary will continue to serve in the respective offices in 1998.



Charles Q. Wolf WA4BMV, newly elected president Chapter 105, Silent Key.

All QCWA members and those eligible for membership who live in the middle Tennessee area are invited to attend the regular meetings. You will enjoy the food and fellowship.

O.D. Keaton, WA4GLS - Secretary

Chapter 108, Beaver State



New officers for the Chapter are l to r: Gene Kelsey N7EIF, President; Armand Pilotte W7IG, Treasurer; Hazel Mae Keefer KA7KHD, V-Pres; and Norris Bundy W7ILE, Secretary.

The January meeting of the Beaver State Chapter saw the new officers in action and about 35 in attendance at this meeting. Towards the end of 1997 we lost our long time Sect/Treas Fred Dickson, W7LBH. Everyone took over responsibility for their office and the members gave full support. Our new Treasurer gave a talk on the W7 QSL bureau and their operations and had some new hand-outs for the members to use in the future. The next meeting will be April 18, 1998.

J. Walsh, W7LVN, Director



**Sometimes it is better
to put off until tomorrow
what you are likely to
botch today.**

Chapter 112, Yankee

The Yankee Chapter Christmas party was held on December 6th at Dewey's in Lakeville, MA. Thirty-three members and guests attended. After a fine meal, a gift swap was held with the chapter President Don Lester, W1TSN and past President Len Hadley, W1YGC, acting as our "Santas". Many thanks to our Vice-President, Ernie Bosselman, W1DO, for constructing a new stand for the chapter banner.



L to r: W1DO Ernie Bosselman and W1TSN Don Lester, Chapter President with the new Banner stand.

Congratulations are also due for John Titterington, W1EOF, on 65-years as a ham. Jack has seen many changes in the hobby over his years of operating. Remember that the chapter annual meeting will be held on April 25 and the New England Chapters picnic in July. Details on both will be in the upcoming Newsletters.

Chuck Walbridge, K1IGD Sec./Treas.

Chapter 120 Quarter Century Wireless Women

It was really great to see so many of you in Kansas City. Wish it could have been all the members but maybe next time.

It an honor after 19 years to once again serve as President of QCWW Chapter #120. Our new Vice President is Dot Beam, K4PPS; Secretary/Treasurer is Lorraine, WA1EDR, and the Directors are Catherine Dunlap, W4OMH and Paul Gerbracht, W3QPP.

Many QCWA members are confused about our Chapter. We are not a separate organization. We are a Chapter like any other QCWA Chapter. We were founded in 1979. The founding members K4LMB, W1ZEN and W4GXZ realized there were many YL's who were eligible for QCWA but were not members. Thus the purpose of this Chapter was to encourage qualified women amateur to actively participate in QCWA activities.

Any YL or OM who is a member of QCWA in good standing is eligible to join the QCWW Chapter. Dues are \$5.00 a year. Our meetings are held once a year at the annual QCWA Convention.

If you are not already a member and would like to join contact our Secretary Lorraine Witkowski, WA1EDR, 812 McCallister Ave, Sun City Center, FL 33573.

The year 1999 will be our 20th anniversary. If you have any ideas or suggestions for celebrating this milestone please let me know. If we put all our ideas together we should have a banner year 1999.

Blanche Randles, W4GXZ (W4GXZ1 @ juno.com)

Chapter 122, Lake Erie Tri-State

The Lake Erie Tri-State held it's annual meeting and luncheon on October 18, 1997 at Hoss's Steak and Sea House in Erie, Pa. Following the luncheon the meeting was called to order by Joe Seppala, KC3LV, who introduced the nominees for Chapter offices for the coming years of 1998 and 1999. They are as follows: Paul Gerbracht, W3QPP President, Jerry Owens, W3GHO Vice President, Sid Stacey, W3MMJ Secretary/treasurer, Ivan Wilkinson, W3RMF Director, Hank Schultz, W13U Director, Dick Quiggle, W3NGO Director. Since there were no further nominations, the secretary was asked to cast a unanimous ballot for the slate of candidates. As this was the annual meeting a number of invitations were sent to local Amateurs who were eligible for QCWA membership to hear a talk about QCWA by National Director John Edel, K8LBZ.

However, due to illness John was unable to attend. In his stead our newly elected president and Chapter founder, Paul, W3QPP, gave a short talk on the same topic.

The first Board meeting will be held on November 1 at Perkins Family Restauraunt in Corry, Pa for the purpose of mapping plans for Chapter activities for the coming year.

Sigmund Stacey W3MMJ, Secretary

Chapter 126, Piedmont

The traditional social meeting for Chapter #126, The Piedmont Chapter, is held as a Christmas party in the Pinehurst, NC, area, at one of the local golf clubs. This year the meeting was held at the Mid Pines Inn and Golf Club in Southern Pines through the efforts of Ed Naher, K8YFR. Thirty four members, wives/guests, were in attendance and enjoyed the fellowship, prime-rib-plus meal, and the delightful entertainment from a group of lovely, female singers called The Notables. Wilbur Fulton, W2SE, who also lives in that area, was the one making arrangements for the entertainment, which was greatly appreciated.

During the brief business meeting, President Bill Wray, K4BPH, went through the formalities of an election for new Chapter officers, and the following will guide the Chapter through 1988.

President -	Bill Wray, K4BPH
Vice President -	Moffat Spencer, WA4ORE
Treasurer -	Chuck Brydges, W4WXZ
Secretary -	Henry Elwell, N4UH
Directors:	Bill Hutchins, KM4UO
	Ed Naher, K8YFR
	Harvey Adams, WIYJ

One of the announcements made by the President was the engagement of Bill Hutchins, KM4UO to Grace Kilkelly, KF4TMS. Bill and Grace dated each other back in the '30 when she was in high school. They eventually

drifted apart through separate marriages, but circumstances have brought them together after a 54 year separation. The Chapter is happy to report they were married in February 1998.

We are also happy to report the addition of three new members since our last national report: Ralph L. Irons N7RI, Bill Tippet W4ZV, Charlie G. James KF4OUE.

Our Net Control Station, Grady Withers, K4BEC, reported an average weekly attendance of 13.25 during the three month period he officiated. There were 115 check-ins including several other-State Chapter members who were passing through North Carolina. Having our Net Schedule listed in the QCWA Journal lets QCWAers drop in on us, much to our pleasure. It is a good idea when mobiling to jot down Net schedules from the Chapters On The Air column of the National Journal before leaving home.

Henry Elwell N4UH, Secretary

Chapter 128, Pelican

The Pelican Chapter #128 of St. Petersburg, Florida is off to a great start in 1998. We ended 1997 with signing 4 new members into the Chapter, and 1 more at the recent January meeting. The Pelicans wish to welcome the following new members: John Boots WOEFO, Paul Dittbrener K2KYN, Ken Moyer WB4SNO, George Sallet K4DSB, and Douglas Virgin W4IYY. Our Chapter has been on the upswing due to the recent new members. Also we have had two extremely interesting programs. At the December meeting our program was presented by Pelican Member, George Sallet, K4DSB. George's topic was the Japanese raid on Pearl Harbor, where George was a 18 year old Radioman on the USS Bagley, a destroyer. And lastly in January the program was the final 33 minutes of World War II. The program was brought to the Pelicans by Howard Groth, who is a retired U.S. Navy Officer who was on the Missouri at the signing of the surrender. Both of these programs held the Pelicans spell bound. Our new officers



Big Brown Bird Pelican Chapter picnic attendees.

for 1998 are as follows:

President, Kenneth Johnson WA4TOP, Vice President Dr. Marshall Ellis WAOFRP, Secretary J. Frederick Strom K9BSL, Treasurer Donald Bice W4PCO, 1 Year Director Ralph Luedke K9MOR, 2 Year Director Jarvie Mullins WA4GJH, 3 Year Director Wesley Randles W4COW, 4 Year Director Alan Pickering KJ9N, and 5 Year Director is Buddy Morgan, WB4OMG. The 1997 recipient of the coveted "Phil Stern Award, was Wesley Randles W4COW. This award

was given at the December meeting of the Pelican Chapter. The November meeting was the annual "Big Brown Bird, chicken picnic. This has now become a area affair, and was held on November 19th at Lake Seminole Park, with 71 Pelican Members and their guest in attendance. There were numerous prizes distributed with lots of food and good times by all in attendance.

J. Frederick Strom, K9BSL, Secretary

Chapter 138, Marconi

The Marconi Chapter 138 Quarterly Meeting was held on 21 August 1997. The meeting was opened by vice-president Joe Strockbine, W2KCO, with the recitation of the Pledge of Allegiance to the flag of our country. Four officers and 20 members were in attendance.

The treasurer's report was given by Letta Ladd, WA2QCE. Leta noted that there are still outstanding bills expected, but in general the treasury was in good shape.

Under Health and Welfare: Jack Saperstein, W2IMM, was still in the Rahway, NJ hospital and his XYL says his condition is up and down; Ira Myers, W2SVJ, is 96 years old and is currently suffering from a bladder infection. Members were asked to send a QSL card.

Under old business:

a. Twins Lights Visit - On Sunday October 5, the chapter held an outing at the Twin Lights facility. The place Marconi made famous with his first US ship-to-shore communications station (see the story in the web page: www.monmouth.com/~eroswell/qcwa138.htm). The day was exceptionally clear with visibility of 60 miles. The New York skyline was clearly visible. The curate of the newly renovated museum gave a talk on the activities at the site and presented a slide show. After the visit, many of the members had lunch together at a local restaurant. Over 35 members attended.

b. Jersey Shore Area Hamfest Report - Joe, W2KCO, and Bernie, WB2EJT, reported that the QCWA table was a success. Ten (10) potential new members signed up. Bernie sent them follow up letters and a copy of our web page with chapter information. There were 35 QCWA people who signed the welcome register and at least another 50 more were present at the show. We sold a few QCWA hats, emblems, and car window decals. Our tables featured a video of chapter 138 activities at the Twin Lights facility.

c. Constitution and By-Laws - Changes brought upon by the chapter name change to Marconi were tabled so that a committee, chaired by WB2EJT, could review the entire constitution and bring it up to date at one time. A report will be made at the next meeting.

New Business: Bob Buus, W2OD, gave a report on National activities. Bernie asked if the membership would like to hear a talk from some of the Tuskegee Airmen. It was unanimous and they will be lined up possibly for the spring annual banquet.

Bob Buus presented a talk on Marconi and his first transatlantic transmission. He explained his new theory based on parasitic oscillation due to the stray capacitance across the resonating coil and lead inductance of the primi-

Chapter 165, York Co. Pennsylvania

The annual ladies night and Christmas party for the chapter was held December 6 at Alexander's Family Restaurant in York PA. The noontime event was attended by 25 members and guests. After a fine dinner a short business meeting was held. Under new business it was decided to change the number of chapter meetings during the year from 4 to 6. This will move our next meeting from March to February 14, 1998 at the Stoneybrook Family Restaurant. Also under new business the election of officers for the 1998/1999 period was held. The following are the new officers: President, Hugh Quackenbush W1NPS. Vice president, Cecil Mundorff K3DCU. Three year Trustee, Phillip Steinfelt K3SRP. And the secretary/treasurer, Ray Shaub W3AXC. The other two trustees are John Zett W3FLD and William Barefoot W3UQJ. Each of the ladies was presented with a poinsettia plant and the meeting was adjourned at 3 PM. We regret to announce the passing of one of our charter chapter members, Frank Bair K3GDI. Frank always took care of arranging our June picnic meetings in the county park. He also was the chef for the cook-out. Frank was an active member of the chapter and will be greatly missed by everyone.

In the photograph taken at the meeting are the new officers.



Chapter 165 Christmas party. L to r: W3AXC Ray Shaub, W1NPS Hugh Quackenbush, K3DCU Cecil Mundorff, W3FLD John Zett and W3UQJ Bill Barefoot.

Ray Shaub W3AXC, Sec'y/Treas.

Chapter 166, Colonial

Our 1998-1999 Officers are: President Tom Jones W3BED, Vice President Ray Henry W3ZVY, Recording Secretary & Treasurer Woody Sbei W3TTW, Corresponding Secretary Charlie Stouth W3ZPP. The Board of Directors is made up of Allen Bubeck K3GNM, Jim Faries W3AOA, Sam Thompson K3ST and Past President Howard Trout, W3IGW.

We held our Christmas Party at Ludwigs Corner Inn and a goodly gathering of our membership was on hand. The ladies received a gift from the Chapter and accordion and piano music was provided. Our breakfast meetings held on the second Tuesday of each month held at various locations continue to be a great time to meet & eat

and to enjoy the fellowship of the Chapter at a less informal atmosphere. The regular business meeting luncheons are held on the fifth Wednesday of the month at Ludwigs Corner Inn, with the ladies invited. We will be making plans for our annual picnic the summer activity that we all look forward to. Remember the Tuesday morning net a 9:00 on 147.21 come aboard say hello. We are always on the lookout for programs or speakers for the luncheons so if you have any suggestions or know of any sources pass them on to our president. Most recently we have been honored with some of the members of Reading Chapter 31 members attending our breakfast get-togethers and we welcome them.

Charlie Stouth W3ZPP

Chapter 173, Golden Triangle

The following highlights the activities of Chapter #173 during the past year:

The Golden Triangle Chapter #173 continues to meet on the second Saturday of each month. The chapter finally found a permanent meeting place at Stacey's Buffet, in Mt. Dora.

Ray Ernst, W2TAX became the 3rd member to be excused from chapter dues after reaching his 90th birthday in November. He joins K4GGF (95) and AB4O (93) as the chapter's senior, senior citizens.

In August the chapter presented Gold certificates to Henry Schurman, W3DJE (65 years) Tony Sagolla, W3JRD (55 years) and Ed Potter, W6GXC (60 years).

On November 1st, chapter members W8HFK, KS4LT, W9JRY and NB9A took part in the annual Lake County Amateur Assn. hamfest with W9JRY and NB9A staffing the QCWA info table.

Also in November our longtime Treasurer and Secretary Tony Sagolla W3JRD moved to Lancaster PA. The following appointments were made to fill those positions: Secretary: Edith Eltzroth, KM4JP and Treasurer: Harry Butman, NB9A.

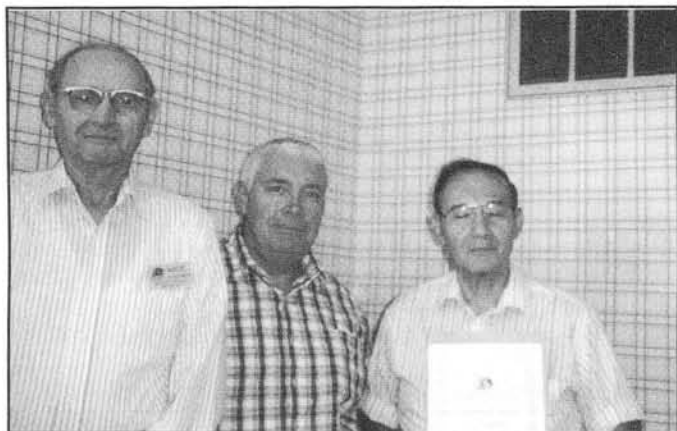
The Annual meeting was held on December 13th. The following slate of officers were elected and took the oath of office at the January 10, 1998 meeting: President: Roger Harper, W9JRY; V.P.: Kenneth Lappe, KS4LT; Secretary: Edith Eltzroth, KM4JP; Treasurer: Harold Butman, NB9A.

The January 10th, 1998 meeting, with luncheon, was held at Stacey's Buffet at Mt. Dora. 18 members and guests gave Birthday greetings to W3DJE Henry Schurman.

The Incoming president W9JRY Roger Harper conducted the brief meeting. The Treasurer, NB9A Harry Butman gave the amount in the treasury as \$200.23 The report was accepted and placed on File. The Secretary, Edith Eltzroth read the December 1997 minutes. The report was approved as read.

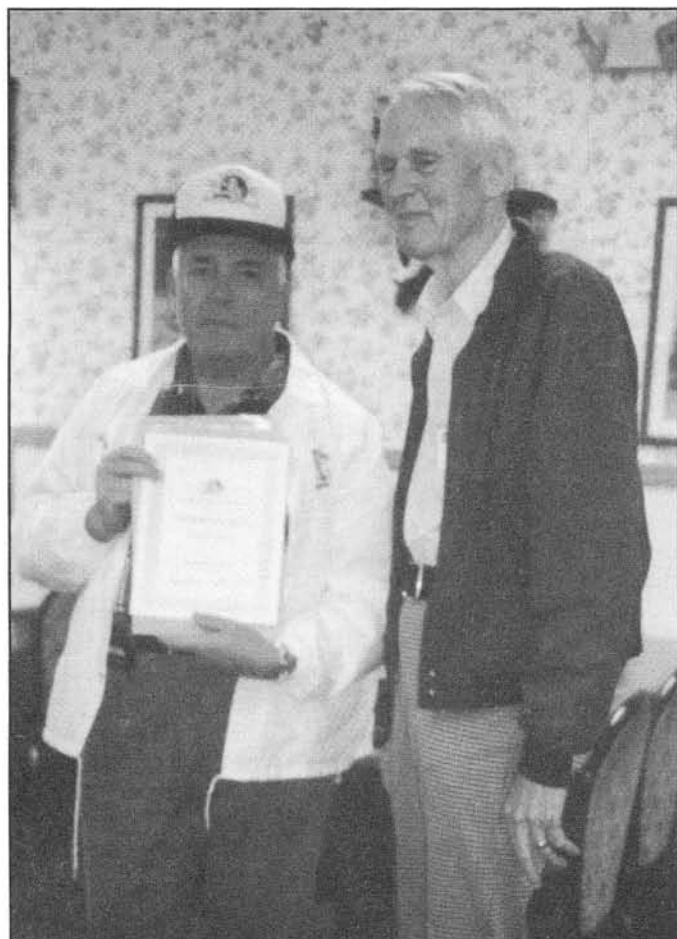
The Tuesday night net on 2 meters was short. We need to have a buddy system to call before the net. We learned of a national QCWA net on Sunday afternoon 3 p.m on 14.347.

The 1998 Officers of QCWA were installed by Linda



L to r: Henry W3DJE, Ken KS4LT, and Tony W3JRD. Henry received a 65 year certificate and Tony received a 55 year certificate from Ken, chapter president.

Rogers, daughter of W9JRY Roger Harper, our 1998 QCWA President.. KS4LT, Ken Lappe, Vice President: Edith Eltzroth, Secretary and NB9A Harry Butman, As Treasurer. President Roger W9JRY recalled other installations that the Late Marie Gathercole, had installed officers.



Ken Lappe KS4LT, President presents a 60 year certificate to Ed Potter W6GXC

Tony Sagolla, W3JRD, now of Lancaster, Pa. and our former treasurer, sent us reports and ask us to change his address when we send in our reports. Tony sent his regards to the QCWA.

The next meeting of Golden Triangle Chapter will be Saturday Feb. 14th on Valentines day.

Kenneth Lappe, KS4LT VP & Edith E. Eltzroth, Acting Secretary

Chapter 181, Hudson Valley

The chapter's last meeting of the year took place on October 25. It was attended by 20 members and guests and was held at the Port Chester Coach Diner.

Member Steve Holton, N2QCA, gave a very informative talk on GPS - the Global Positioning System. The principal change since the system became fully operational in 1994 is the flood of low cost receiver units which have become available. It was noted that with more refined receiving and processing equipment, readings within 25 to 50 feet are possible. The system allows a receiver to acquire signals from four or more of the 21 satellites at the same time. Steve noted that he had hooked a unit up to display on a map on his portable computer screen as they drove down from Norwalk, CT. It had plotted their route correctly on the map.

We were treated to a bonus - a second talk - by Steve's new bride, Peggy. She told about their fabulous honeymoon trip recently finished. They were guests of friends in Paris then went on to Turkey and ended with a 2 week Greek Island sailing tour. When a Certificate of Appreciation was presented by President Dick Robinson to Steve, it was clear we should have had one for Peggy as well!

Interesting accounts of how they had become interested in ham radio as a hobby were presented by two members. Rudi Hanau, K2EVY, and Bob Robinson, WB2AQF, gave the details of how they had achieved their licenses at early ages.

After the usual exciting door prize drawing, conducted by Harry Moore, W2JQS, the meeting was adjourned.

Dick O'Brien, NJ2J, Secretary

Chapter 190, Silver State

To paraphrase a song, it was a very good year. Chapter 190, Silver State Chapter is now into it's fifth year. What started with only ten people has now grown to forty three members and several close wantabee's. Membership grew this year by seven members, with one member joining us from his QTH in North Dakota.

Our usual every other month Saturday brunch meetings were cut short this year in April due to the restaurant going out of business. We then moved to another and no sooner did we have one meeting, it too went out of business. When we booked one of the finest restaurants in Reno for our Christmas dinner and annual meeting, we told them this, but they let us in anyway.

Meeting and dinner was held on December 13, 1997 and a total of 35 members and guests attended. The food and companionship was excellent, with everyone having



Left to right: Larry Oakley W7AB, Gordon Harris W7UIZ and Don Freeman W7FD.

a good time. During the meeting, we presented awards to a couple of our outstanding members. A sixty year award to Rex Parcels, K7AZ. Also an award to Gordon Harris for 55 years as well as the chapters Meritorious award for helping get the chapter started, being an involved member and serving on the board. This was the first award by the chapter and could not have gone to a better person.



Left to right: Larry Oakley W7AB, Rex Parcels K7AZ and Don Freeman W7FD.

One item that other chapters may want to pickup on, is that you can request a vanity call for the chapter. We applied in early November and received the call we believe is great for the chapter. We wanted to have N7QC, which we received and have since had sewn into the chapter banner. Look closely in top right corner of picture to see.

One sad note during the year, we lost a long time friend and real supporter of amateur radio. Robert Hoover K7KLT died in March. He will be missed.

Don Freeman W7FD, President

Chapter 195, Sun City Center

The meeting of the Sun City Center Chapter, #195 of QCWA met at Maggie's Resturant, on January 15, 1998 The meeting was called to order by Pres. Alan Pickering KJ9N. Pres. Pickering open meeting at 11:45 A.M. he led the Pledge of Allegiance and the Invocation. He thanked the 29 people who attended and asked each to introduce themselves. The meeting was then recessed for lunch.

The meeting reconvened at 12:40P.M.

Our speaker was Kay Anderson and her husband Ed Anderson. They are both retired Kay spoke on Packet and related subjects. They were most interesting. They are still on Packet. 145.01. Questions and answers completed her talk.

The secretary Rita Hale read the minutes of the November meeting and they were accepted as read. There was no old business.

New business. Rita Hale gave information on the March 14th picnic to be held at Simmons Park. We will have Hamburgers, hot dogs and the fixings. All members are asked to bring a casserole dish, salad, or desert to feed 8 people. You must bring all your dishes, utensiles and drinks. A charge of \$2.50 per person will be charged to cover expenses. A benefactor has agreed to pay for the pavillion and we thank him for doing it. Ed O'Reiley has agreed to do the transmitter hunt again with help from Al Brawley. People get your finders ready.



Incoming Chapter 195 President Alan Pickering KJ9N (center) is flanked by two QCWA Directors, John Edel, K8LBZ (left) and Croft Taylor, VE3CT at Chapter 195's January luncheon.

John Bowker gave a report on Ed Coxey K2AFD. He has been in the hospital but is now at Palm Gardens nursing home. His wife Rose is there also. We hope they will get well enough to go home.

People commented on the good job that George Guller did on the paper.

Our 2 Directors were present. Croft Taylor VE3CT and John Edel K8LBZ Croft Taylor spoke on Packet not being dead but getting stronger in the Sarasota area.

President Pickering said that we would have an interesting speaker at the March meeting. His name being Bryan Davison. He will speak on his experiences as an announcer and radio interviewer.

Chapter Reports

The 50/50 was won by Jerry Engles AE4WZ and Ray Black W2PKM.

The National Convention will be held in Palm Springs, Ca. Oct. 1998. Should be interesting.

The meeting was adjourned at 1:45P.M.

The next meeting will be on March 12, 1998

Rita Hale W1UZR

Chapter 196, Edison

A new location has been found for our meetings and it is the Steak and Ale Restaurant on US 41 in Ft. Myers, Florida. We get together on the second Tuesday of every month at 1130 hours. January's brunch had 11 members and 5 guests.

We were pleased to have Jack Parsons, K3OTY, the President of Chapter #6 in Pittsburgh and his XYL Ann join us as well as Croft Taylor, VE3CT, who is a QCWA director. Croft was kind enough to speak to us about the new format of the Journal and many other interesting aspects of the organization. It was exciting to see members of other chapters come visit us. By the way Croft and Jack have invited all of us to the Suncoast Chapter #53 meetings in Sarasota. They are held the first Thursday of every month at 1130 hours at Denny's Restaurant just off I-75 exit 38, Bee Ridge Rd. Check in on 146.91 MHz.



L to r: Ed Yoder, W3YMB; Croft Taylor, VE3CT and Tad Burick, WA8PXL - President of Edison Chapter 196.

Croft asked us all to make sure that headquarters has our proper mailing zip codes that include the plus four digits. It is important because the cost of mailing is determined by the ease in which the post office can sort the Journals for delivery.

Jim Hall, W3JI, spoke to us about the Old Old Timers Club. The OOTC is a group of old timers who have been employed in the communications field at one time or another at least 40 years ago. Many of our members have done exactly that and were glad that Jim let them know about this fine organization. Others that are interested may contact Jim directly.

Jan Scheuerman, KJ4N, has volunteered to work on a web site for our chapter. If anyone would like to help her in this endeavor please feel free to contact her. This sounds like a fun project and Jan is ready to get started right away.

Our chapter was represented at the Ft. Myers hamfest in early January. Walt Rollick, W4IGE, and Ed Yoder,

W3YMB, set up a table and recruited several potential members.

I am proud to announce that the club has a new call sign thanks to the vanity program and the anonymous donation of one of our members. The new call sign is K4QCW. Let's get busy and use it as soon as possible. With that in mind, do not forget to check into the QCWA Sunday nets. Time and frequencies are announced in the Journal.

For those who are not familiar with our local nets that relay chapter news items please note the following. The Rooster Roster is every day at 0730 hours on 147.345 MHz. The Traffic net is every day at 1000 hours on 146.88 MHz. Harry's Swap Shop is at Waterways Park in North Ft. Myers on the last Saturday of the month at noon. Please contact Harry Arnold, K9ALX, for details at 941-482-3113.

Tad Burik, WA8PXL, President.



Send your chapter reports to me (that's Jim, you know) at Headquarters by April 1st.

CUPS AVAILABLE

Headquarters has several dozen 50th Anniversary Cups that were prepared especially for the 50th celebration at Kansas City in October.

For those who did not make the convention, this is your chance to obtain a memento of our 50th Anniversary Year of QCWA. Order a cup for your collection. It is white with blue QCWA logo on one side and the other side carries the insignia of the Kansas City Convention.

Price is \$10.00 prepaid.

ALSO AVAILABLE

Special QCWA, Kansas City Golden Anniversary Watches for **\$20.00** postpaid. ***Supplies are limited.***



CONFESSIONS OF A RECRUIT-A-HOLIC

-by Gene Nailon, K5DLE



I've been asked several times how I recruit new members into QCWA. I'm told that it's hard to sign up new members. I used to be a Skydiver and was a member of a skydiving club. During that time I was able to recruit several new members into the skydiving club. If you think it's tough signing a new QCWA member, try talking someone into jumping out of a perfectly good airplane thousands of feet above the ground.

A few points I'll try to cover: 1. I don't know anybody. 2. How to find prospective members. 3. What to do when you have a prospect. 4. What chapters can do.

I DON'T KNOW ANYBODY

First, let's finish the sentence: I don't know anybody who wants to sign up! Where is it written that you have to know someone in order to sign them up? You'll sign up a lot more people by working with strangers than you ever will trying to get friends to join. Most people are not going to demand that you sign them up. The fact that you don't know anybody is probably the biggest advantage you have, it keeps you from PRE-JUDGING who will and who will not. It is virtually-impossible to guess who will and won't. Think about it, would you want me (or anyone else) to decide for you? You have to ask them to join and let them decide.

HOW TO FIND PROSPECTIVE MEMBERS

Prospects - A Prospect CAN BE almost any amateur radio operator you run across. They become a real Prospect when you find out if they were first licensed 25 or more years ago. The first thing to do is get your old log books out and use them as memory joggers. You can find a lot of prospects just by going through your old logs. Start a list. You can keep the list in a computer data base or on 3 by 5 cards if you don't have a computer.

When you find someone, put their call and name on the list. You can fill in the details (address, phone number, etc.) later. Dig out the roster(s) for other ham clubs you are a member of and look them over. Don't just look for people you know, look for calls that may have been around 25 or more years. Add them to your list. Monitor your local repeaters and nets, you can add a lot of prospects to the list.

HAMFEST - When you go to a local hamfest, arm yourself with a note pad and several applications. Go to the Flea market. You're going to talk to people and take notes. You don't have to buy any boat anchors. You have a prospective prospect at each table, who's not going anywhere. Stick out your hand and introduce yourself. Ask how long he's been licensed and if he's a member of QCWA. If you get the right answers, do your duty and give him or her an opportunity to sign up. What ever happens record the call, name and how long he's been licensed in your note pad. You can follow up after the Hamfest. 7 1 suggest you get at least 25 names on your prospect list. (Now where did I come up with that number?) Get full names

and addresses for all on the list. I've got a little over 400 on my personal list. It would take at least another 2500 to get anywhere close to the number available in Oklahoma.

Now that you have your list. You need to mail all of them an application. I send them 2 applications, a CHAPTER 63 app. and a NATIONAL app. I also enclose a current chapter roster and a return envelope addressed to the chapter secretary. Use a #10 envelope for the mailing and a 9 1/2 envelope for the return. Be sure and put your name, call and QCWA # on the bottom of the National app.

The Chapter 63 app. is set up somewhat like a letter. It gives a short history of the chapter, gives the times and frequency of both the 75 meter and 2 meter nets. They are invited to check in to both nets and DO NOT have to be a member to join the nets. One more thing. Don't use computer labels on the outgoing envelope. Address them by hand. It won't take that long, and you make sure it doesn't look like junk mail.

WHAT CHAPTERS CAN DO

You can make the whole thing a chapter project. Get your members to do the prospecting and forward all names and calls to one member who will enter them in a data base. Do the mailing as a chapter project.

Get a flea market table or 2 for the chapter and set it up as a QCWA booth. At Chapter 63 we have the chapter banner on display along with a display of members QSL cards. We also have several computer generated banners. Get your members to all wear their QCWA caps and man the booth. Contact Headquarters and get a hamfest care package. For those who don't know what a CARE PACKAGE is: It's a box of QCWA goodies which includes applications, copies of the Journal, Caps, Patches etc. Keep a log of everyone who stops by the booth. Don't forget to ask them to join NOW!!!

One more thing. This year we talked to our local hamfest committee and had them add a new blank to the Hamfest registration form. YEAR FIRST LICENSED_. After the Hamfest we received a listing of everyone who filled in the blank. This listing yielded a bunch of new prospects, several of which are now members. This is an on going project for Chapter 63. We hope to get the blank on all hamfest forms in the state. In future years this will provide a steady stream of prospects. Don't forget, each year a whole new group of Amateurs become eligible for QCWA. The very best time to sign them up is the minute they have been licensed 25 years.

NOTE: There ain't no free lunch!! Recruiting members takes time and cost money. A lot of time and a little money. You spent time and money on a lot of things for Ham Radio. Some look for states, some chase DX, others hunt Counties. There are contesters, traffic handlers,

homebrewers and the list goes on. All of it takes time and cost money. Become a RECRUIT-A-HOLIC and look for, chase, and hunt new members for QCWA.

One more thing. I propose that QCWA establish a new award. OCWACR - The QCWA CENTURY RECRUITER Award. To be given to any member who can show proof of recruiting 100 or more members into QCWA.

Vy 73 de Gene Nailon K5DLE k5dle@juno.com

ATTENTION

Former "Shipmates" Radio NSS - Annapolis, MD

Please check out NSS Webpage

<http://members.aol.com/k6dc/nss.html>

Any comments are welcome. If you were stationed there, Navy, Marine, or civilian, before or after World War 2, we would like to hear from you.

If you care to post your remembrances and/or a photo for all to see, send to:

Merle B. Parten, K6DC

930 Alston Road

Santa Barbara, CA 93108-2312

or email: k6dc@aol.com

50TH ANNIVERSARY RECRUITING CONTEST

Gary Harrison, KØBC

The numbers are in and the final count has been made. The "Top Recruiter of 1997" is Gene Nailon, K5DLE. There is no doubt about the results. Gene more than doubled the number of recruits compared to the runner up!

The following members qualified for a certificate W2AET, W4GXZ, W3TDF, DL1ZC, VE3DWH, WA8PXL, K4HU, VE3GFI, KDØIR and KØORB. Along with Gene these ten members brought in a large percentage of our new members.

Several members recruited new members, but did not qualify for an award. We are going to run this contest for 1998 and I would like to see the number of awards to recruiters increase. As you can see by the calls shown above 1/3 of the awards went to members outside of the States.

The deadline for the Chapter award is approaching and Chapter Secretaries need to get their reports to HQ. It looks like Gene's Chapter 63 in Oklahoma is going to be very hard to beat!

As space allows the 1998 rules for the Recruiting Contest will be published. Check with HQ for applications and assistance on the rules. Read about Gene's recruiting ideas on page 37.

RECRUITING CONTEST RULES

1. Any member that recruits 5 or more new QCWA members in 1998 will receive a certificate.

2. The member that recruits the most new QCWA members in 1998 will receive a plaque. In case of a tie duplicate awards will be presented.

3. The chapter that recruits the most new QCWA members in 1998 will receive a plaque. The chapter will have to submit a list of its members that recruited new QCWA members. The list must be received at QCWA HQ on or before March 1, 1999.

4. For the purposes of this contest a new QCWA member is:

(A.) A person that has never been a QCWA member.

(B.) A member renewing membership if previous membership has expired by 1 year or more.

5. Entry in this contest will require the recruiting member to complete the "proposed by" line on the application.

6. All applications to be included in this contest must be received at QCWA HQ no later than January 15, 1999.

7. The contest will run from January 1 to December 31, 1998.

8. QCWA National Officers and Board members will not be eligible for this contest.

9. The Membership Committee of the QCWA Board will judge the contest. All decisions by the Membership Committee will be final.

Southwest Ohio Chapter announce their annual dinner on Friday evening May 15, 1998 in conjunction with the Dayton Hamvention.

It will be held at Alex's Continental Restaurant. Time for this event is: COD Bar at 7:00pm and Dinner at 7:30 pm. Reservation deadline is May 13th. QCWA membership is not a requirement for attendance.

For tickets (\$15.00 each) make your check payable to:

**Robert Dingle, Treas, Chapter 9
1117 Big Hill Rd.,
Kettering, OH 45429-1201.**



W6UK-Alvino Rey Ham First — Musician Second

by Earl Reilly, W7HFO
submitted by Wally Nelskog, W7FDQ

They call themselves the 14,325 Group. Most are in their 70's and 80's, some are in their 90's. They meet every morning at 10:00am, PST, on 20 meter phone — you guessed it, 14.325 MHz. These are hams and musicians from all over the US., mostly from the West coast. There are some well known names in this group notably Tex Beneke and Alvino Rey, the musicians. These musical hams have a social get together every Summer, and at a different QTH each year.

This year's soiree was hosted in Seattle by W7FDQ, Wally Nelskog. The three day event was highlighted by a Puget Sound ferryboat trip to meet a ham boating group at Port Ludlow, WA., a trip to the Boeing Museum of Flight, a lovely cocktail/sit down dinner at Nelakog's 6500 square foot ham shack catered by his most charming wife, Anne, and for laughs, a tour of the local sewage treatment plant.

On the final night of the event at an elegant French restaurant, Rey was asked; "Alvino, what was your first interest, music or ham radio? It took about one second for Rey to snap, "Ham Radio!"

Rey combined his interest in electronics and music to develop the first electro-magnetic pickup to enhance the mellow sounds of the steel string guitar. The electronic steel guitar was born! This was in 1932.

Born Alvin McMurney, Rey changed his name to Alvino Rey in 1929 when Latin music was the rage. In Spanish, Rey means King. Alvino got his musical start when his father gave him a banjo for Christmas. In 1927 he played banjo for band leader Ev Jones in Cleveland and later replaced banjoist Eddy Peabody with the Original Phil Spitalny Orchestra.

In 1934, Rey joined Horace Heidt which started his fame as a steel guitarist. In 1939, he formed his own band in Hollywood and made many recordings on the Bluebird label featuring the Four King Sisters, one of whom he married, Luise King. Rey was the first pedal steel guitar recording artist and helped Gibson Guitar Company develop their early electric guitars.

Rey joined the U.S. Navy in World War II and with his ham operator background helped in the development of wartime radar. Following the war, Rey continued his music career and appeared in the King Family television series with the King Sisters. To this day Rey is still playing performances between stints in Ham radio.

When in Seattle with the 14,325 group, Rey sold the very first electric pickup he made and designed to Microsoft. Microsoft intends to display it in their archives of historic electronic events.

What's up for next year? Who knows? The 14,235 group may meet in the Salt Lake Area, home of Alvino Rey, W6UK.

Order Your Official QCWA QSL Cards Today...

WB5XYZ

from Spk to Satellite

QSL WITH DATE TIME FREQ MODE

QUARTER CENTURY WIRELESS ASSOCIATION, INC. QCWA No. 99,999

John Q. Amateur
901 Highway 685 Travis County Pflugerville, Texas 78660

QCWA QSL cards are USA standard size, printed on a heavy stock which is "coated" (shiny) on the logo side. Ink is a bright blue with light gray QCWA logo, and you may have your call in either solid letters (above) or shadowed (right). **WB5XYZ** Be certain to specify the letter style when you order.

If you want your county printed, please indicate so on the order blank. Also, tell us whether you want your state spelled out in full or printed with the standard postal abbreviation. Prices listed below include shipping. **Please print very clearly or type your order.**

Order Your QSLs Here

Complete in full and mail with your check to:

Call _____ ☐ Solid ☐ Shadowed

QCWA Member # _____

Name _____

Street/PO _____

County (optional) _____

City _____

State _____ ☐ Spell out ☐ Abbreviate

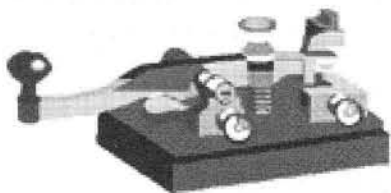
Zip _____ ☐ ARRL

Province/Country (if non-USA) _____

☐ 10 - 10 # _____ ☐ Grid Sq. _____

Quantity: ☐ 100 \$25.00 ☐ 200 \$35.00
☐ 300 \$45.00 ☐ 500 \$60.00
☐ 1000 \$80.00

Complete in full and mail with your check to:
QCWA, Inc., 159 E 16th Ave, Eugene OR 97401-4107



TELEGRAPHY IS MY HOBBY

by Everett S. Brown, K4EF

Many of my friends have different hobbies but they all rely on a single element to hold their interest. Whether it is chess, golf, riding, skiing or tennis that element is skill. My hobby is telegraphy where skill is also very important. What a joy to encounter an operator who can send flawless CW at 20 WPM or more! What a sense of accomplishment to be able to copy someone's keyboard at 60 WPM!

Add to this, the people. It makes me feel humble to hear excellent code coming from the driver of a moving vehicle. My good friends Terry and Karen, W5XJ and N4YGP, a couple who live near Dallas, are frequently on the road having friendly chats at 20 WPM. Before his death a few years ago I used to talk with Don Wallace, W6AM while he drove his Caddy on the LA freeways with his KW HF rig in the trunk. I had the pleasure to meet Don at a hamfest in Las Vegas where he told me that it wasn't cost effective to replace his old car because of the complexity of transferring his radio equipment to a new vehicle.

And then there are the globe trotters. The champions in this category are undoubtedly Lloyd and Iris Colvin, W6KG and W6QL, who put many an obscure country on the air. Numerous groups have formed Dxpeditions involving great discomfort and even personal danger to put rare spots into our logs. During a chat with Roy, ZS6QU recently on 30M he told me about a gathering of US hams at the QTH of Chris ZS6EZ before they departed for Namibia to operate in the ARRL DX contest. Several days later I had a QSO with Gary, V51GC which confirmed that they had arrived. The prize for a fleet footed Dxpedition surely must go to Den, G3MXJ. Not long ago he flew from the UK to South Africa on a Thursday, operated in a contest over the weekend and flew back home on Monday. I worked him on three bands.

Another interesting group are the Maritime Mobile operators. Several US hams are Radio Officers on ships that sail to the Indian Ocean and back. While ashore in the Chagos they use VQ9 calls and put good signals into the US both from the island and from shipboard. A significant event occurred several years ago in the Mediterranean off Morocco. The Radio Officer was Ron, AA5DX/MM and in obvious excitement he told me of an SOS on 500Khz that he had received that morning (See account by Ron that follows this article). It is no longer mandatory to maintain watch on that frequency but fortunately a Spanish coastal station and a number of ships in the Mediterranean were maintaining watch. The stricken ship, a 130 foot trawler had a crew of 13 and CW saved some of them. Ron was justly proud of the performance of his ship and crew.

With the advent of satellites, wireless telegraphy is no longer considered essential to ship communications in spite of the fact that thousands of the world's 28500 ships have no satellite capability. If no one is keeping watch on

the distress frequency, will this cost lives? A solution may be to return 500Khz to Amateur use (after some 85 years). Amateurs could observe the several silence periods each hour and be QRV for distress calls. We would provide an ARES for world ships..... a worthy addition to the next WARC agenda?

Because commercial stations drop wireless telegraphy is no reason for diminished amateur use of the code. We enjoy it because of the challenge and sense of accomplishment it gives us, whether we aim for 5WPM on the Novice band or 20WPM for an Extra Class license. This challenge is precisely like improving your handicap at golf or learning to ski mogul fields. I am encouraged for our future by contacts with young hams who have achieved Extra Class licenses. The most recent of these were 15 and 12 year old operators sending good Morse at 20WPM in the bottom 25Khz of 20M. The younger of the two was 12 year old Matt, KG2HV on Long Island, who had been licensed for less than two years but sounds like an old pro when sending CW.

Most people lack the mental or physical capacity to become competent at chess, golf, riding, skiing or tennis but these hobbies have withstood the test of time..... and so will telegraphy.



A Real Life SOS

by Ronald Marra, AA5DX/KP4

The SOS came via CW on 500kHz at 0703GMT on August 13, 1994 from the Spanish coastal station EAC. It advised that the 130 ft trawler Tamber River with call sign 9H3545 was taking on water and sinking fast. I was Radio Officer on board the 55 Leslie Lykes and gave our position as about 105 miles from the Tamber River. After some 8 ships responded with their locations, we were found to be the closest to the disaster and altered course to assist.

While we were en route no message from any rescue center was sent via any sat or relay means. All the coordination was done on CW on the distress frequency of 500kHz.

By 0745GMT the Tamber River had sunk and 8 people of a crew of 13 were in the water in life jackets. After we arrived on the scene a woman and four men were pulled from the water by helicopter. The survivors were taken to a hospital in Casa Blanca. The search continued until nightfall but only two lifeboats, one inflatable life raft and three life jackets were found - all empty. One aircraft and the helicopter conducted an extensive search.

If it had not been for the use of Morse code I am certain that the entire crew of the Tamber River would have been lost at sea.

Marconi's Wireless bred insider trading

by David G. Gilmour, VE7YG

In the early days of WIRELESS, lots of folk tried many ways to communicate. Guglielmo Marconi was one who devised such a system. Marconi endeavored to market his ideas and was politely told to go elsewhere by the Italian and other governments. Finally he went to England in 1896.

Everyone was told that the British Navy ruled the seas. The trouble was that once over the horizon, the admirals lost track of their fleet. From 1896, Britain took Marconi under their wing and by using his innovations, the admirals were able to control their fleets.

Well it seems a plausible beginning.

Marconi was encouraged to start up the Marconi Company, to manufacture and market his products, with the British Government heavily assisting in the financing. The company went world wide with subsidiary names like American Marconi, Canadian Marconi or whatever name was appropriate. Unfortunately, the British Government was not always prompt in granting of funds to Marconi, which resulted in a wide fluctuation in the price of Marconi shares on the London Stock Exchange. This did not go unnoticed by the Members of Parliament who voted appropriations of funds to keep Marconi afloat. Before appropriation votes were held in Parliament, a few members would buy shares at a very low price and later sell at a higher price that would result once the moneys had been advanced. By 1912 the scheme was common knowledge and this resulted in the creation of a Royal Commission to investigate and report on the situation.

If the names of Honorable Members of Parliament appeared on the Marconi Company registry, they were interviewed and requested to explain how their names showed up. A few M.P.'s resigned from office. The young WINSTON CHURCHILL was called before the Commission and argued eloquently of the disgraceful manner his honor and integrity was being questioned. He was freed. The Prime Minister was called, however, he claimed innocence since

his name did not appear on the company register and was excused. With the beginning of the great war in 1914, the Commission folded.

During the closing years of the war in 1918, Major Howard Edwin Armstrong patented ideas covering many wireless circuits, resulting in considerable legal battles over his patents. Almost every time Armstrong invented anything, his competitors used legal means to try to deny his claims of originality. This began around 1919 and continued until the last cases were settled with his estate after his death in 1954.

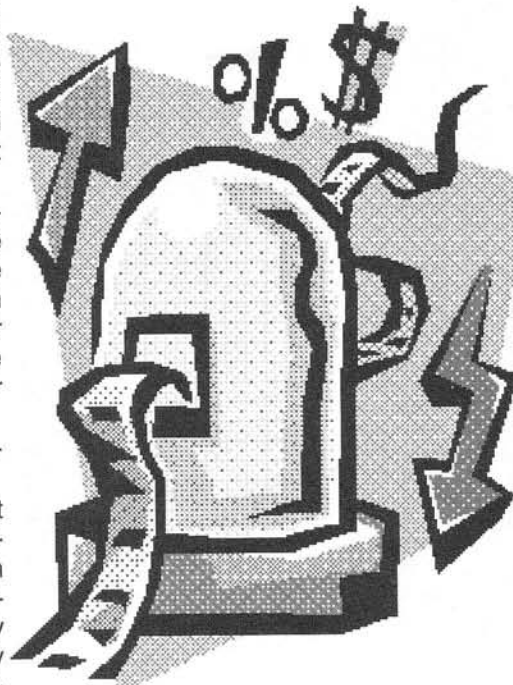
Major Armstrong was credited with inventing the superheterodyne, super-regeneration and frequency modulation, and pioneered high fidelity sound.

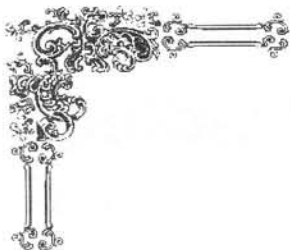
The truth is that very many individuals around the world contributed to bring in the Wireless age.

My Father was a retired bank manager, who followed business closely from 1910 onwards. I was at school in 1938, when he asked me what I intended to do when I grew up. At that time, I was dabbling with one tube wireless sets and innocently said that there appeared to be a future in radio. Dad gravely assured me that radio was a VERY DIRTY business and to keep clear of it! Dad was no engineer but had followed the newspaper coverage of the progress of radio - a record of infringement suits! I discussed it with my older brother. He was a real whiz at mathematics and while I could add and subtract, I was a dud when it came to calculus or higher mathematics. My Dad's advice was to avoid engineering!

My brother eventually became an engineer and I joined a bank and was spared earning a living in the volatile electronic world. Although I retired from banking in 1982, the influence of the likes of Marconi and Armstrong, perhaps my fascination with that one tube wireless set paved a path to a hobby that has endured the decades - an amateur radio operator. That dirty radio business that Dad talked about didn't turn out to be so bad after all.

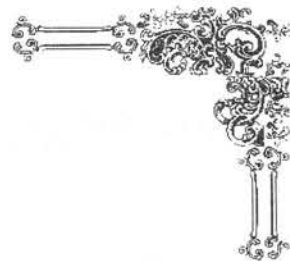
David G. Gilmour, VE7YG





THE U.S. NATIONAL MARCONI MUSEUM

BEDFORD, NEW HAMPSHIRE



This Fall a new museum will be dedicated in Bedford, New Hampshire. The exhibits in this museum will include equipment, literature and audio and visual presentations on the development of radio communications from spark to space. Early Marconi wireless sets will be on display, as well as early broadcast, amateur, mobile two-way and personal communication equipment.

Sponsor of the museum is The Guglielmo Marconi Foundation, U.S.A. Inc. The Founding Chairman is QCWA member Ray Minichiello, WIBC, who conceived the idea for the museum, and who, with his wife, provided initial funding. Members of the Board of Directors include the daughter of Guglielmo Marconi, Princess Elettra Marconi-Giovanelli, her son, Prince Guglielmo Giovanelli-Marconi and Priscilla M. Cusi, M.D.

The building which houses the museum was built in 1910 to serve as the County Court House. Subsequently it was used as the Bedford Town Hall, as a school and finally as the Bedford Police Station.

The Museum has been granted the amateur radio call of WIFGM, which corresponds to IY4FGM (Fondazione Guglielmo Marconi), the amateur station at the former summer residence of Marconi, Villa Grifone in Bologna, Italy.

It was there from the rear second story window that the letter "S" was first transmitted and received, giving birth to wireless communications. The two stations will be planning a series of commemorative events. Plans are also being developed to house a 100 watt FM station in the educational FM band.

Location of the museum is in the beautiful historic area of Bedford, a sister town to Bedford, England, where Marconi lived as a child at the family Coleorton Villa. The museum shares ample parking areas with the Bedford Town Hall and the Bedford Historical Society.

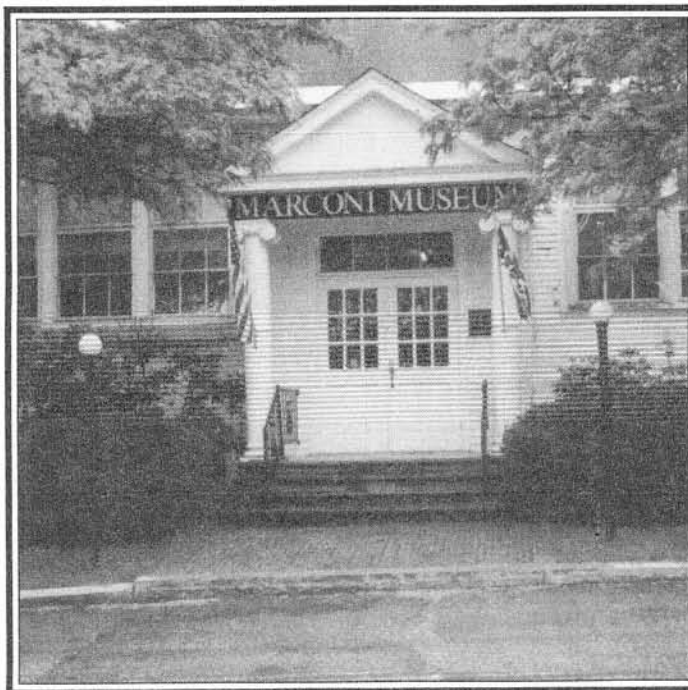
Displays will occupy most of the 14,000 square feet available on two floors. A machine shop and other facilities will be available on site for the restoration of vintage equipment.

ment

An important aspect of the museum activities will be facilities for educational lectures to school and other groups, and for meetings of electronic oriented organizations.

Several QCWA members have recently been instrumental in making major contributions to the museum.

Three significant donations arrived from North Carolina at the museum in June, when a rental truck was driven to Bedford by QCWA Treasurer Duke Knief, W2YTO, and former QCWA Director Arch Doty, W7ACD. Three new



Rear view of the museum



"Truck drivers" W2YTO and W7ACD

exhibits were brought from North Carolina on this 1,060 mile trip:

The Frey Library

This library consists of thousands of copies - from the 1920's to date - of QST, CQ, Ham Radio, 73, RSGB, Ham Radio Horizons, Radio and other electronically oriented magazines. This vast collection is supplemented by numerous other Amateur publications.

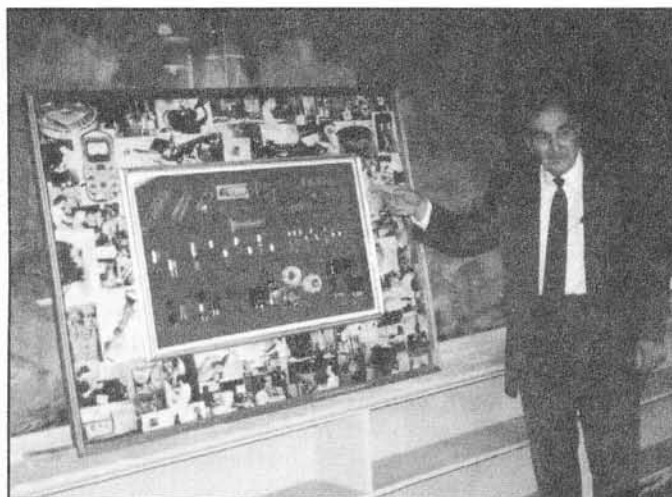
The Library will be in a separate room with a computer that will provide access to the library's data base. The library will be known as the "Frey Technical Library" in remembrance of (SK) John Frey, W3ESU, who was a devoted QCWA member for many years.



Ray Minichiello and part of the Frey library

The Crystal Exhibit

A number of years ago Corey Alexander, K8DOT, had intended to donate a beautifully organized and mounted crystal exhibit to QCWA. Unfortunately, there was no facility, to display exhibits of this type, available at that time, and this one languished in North Carolina for many years. It has finally found a home, and visitors to the Marconi Museum will be able to see the many steps which must be taken to cut, polish and mount crystals. Each step in the process is clearly illustrated with actual samples from the raw crystal material to the finished and mounted product.



Ray W1BC, and the crystal Exhibit

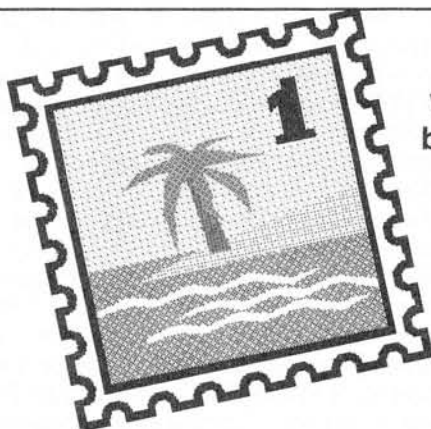
Vintage Electronic Test Equipment

Recently QCWA member Harry Mills, K4HU, obtained an extensive collection of antique (1920 and earlier) test equipment - most of which is housed in unique oak cabinets. Harry thought this collection should be exhibited, and so donated these precious rare instruments to the Museum.

To date hundreds of items have been collected for the museum. However, ample area remains for additional donations of vintage - and modern - electronic equipment. As the Marconi Foundation is a not for profit corporation, all donations will be individually acknowledged for personal (and tax) records, and will fall under the provisions of Section 501(c) (3) of the Internal Revenue Code of 1954. To make arrangements for a donation, contact:

Ray Minichiello
Marconi Museum
18 North Amherst Road
Bedford, NH 03110

Tel. 603-472-9746 FAX 603-472-3622



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A QSL IS MORE THAN A CONFIRMATION

by Timothy L. Bratton, K5RA

A QSL card is more than a confirmation of a contact. It is also a record of one operation of the station receiving the card, and a record of the equipment configuration of station sending the card. Many QSLs have notes that add a personal touch, in addition to the sterile evidence of the contact. Each QSL is a piece of history, a memory. Each is a short-story of two radio operators, an event, and the environment of the time. This is a story of ham radio in 1964/1965, as told by the QSLs of a departed friend. It is a flash-back to thirty-three years ago, with comparisons of the radio technologies of that time with those of today and those at the beginning of the modern era of ham radio some 65 years ago. It closes with observations and questions about the future.

A SNAP-SHOT OF HAM HISTORY AS SEEN IN THE CARDS

James R. Koerner, WN5JTJ/WA5JTJ/N50U and I were in high school together in the early 1960's. He was four years younger than I, but we shared amateur radio, getting our Novice tickets about fifteen months apart. James was very bright. Through self-study, he achieved the Amateur Extra at age 20, and the First Class Commercial Radio Telephone with radar endorsement soon afterward. He liked 40M, and worked almost exclusively CW, even after he got phone privileges. We both had modest stations. Being high school students, we could not afford new rigs, and we did not have the passion for DX or contests which seems to motivate many big stations. When N50U became a silent key in 1996, his mother gave me his QSL collection. As I studied each card, I remembered equipment I had wanted in the early days of my interest in radio. Back then, I spent many hours with radio magazines and old ARRL Handbooks dreaming of the classic rigs which were beyond my financial reach: Hallicrafters, Hammarlund, National, Johnson, Collins. As I studied the QSLs in 1996, I could still touch those feelings that I had over thirty-five years ago. To quantify the relative popularity of the equipment described on James' QSL's, I built a data base with records containing data from each contact. Tables 1 through 4 summarize the QSLs for about ninety contacts over a 12-month period beginning in mid-1964. Perhaps this will rekindle old memories for you.

What does this tell us? Certainly it shows that amateur radio technology has evolved dramatically since 1964. When was the last time you worked someone running a DX-40 or a Ranger, and listening with a Drake 2B or a Hallicrafters receiver? When was the last time you worked someone running any vacuum tube rig? Antennas have changed, too, but not as dramatically as receivers and transmitters. But in 1964, we thought our gear was hot stuff - the "latest and greatest." Looking back at the beginning of the modern era of ham radio (1932), those 1964 rigs were indeed a giant leap forward from the radios of the

previous generation. The QSLs from 1964 show less than two percent of the hams using homebrew receivers, and an additional 15% using receivers built from kits. The rest is commercial gear, with a few percent military surplus. All are superheterodyne receivers. In 1932, only about 25% of hams had commercial receivers, and only about 15%

had superhets. In 1932, most hams had regenerative receivers in various forms. Some were nothing more than a detector with one or two stages of audio amplification. The period from 1931 into the late 1930's saw an explosion of new amateur receiver manufacturers and products. The National SW-3 and SW-5 were famous regenerative receivers designed by James Millen and sold in 1929-1932. In late 1931,

Hammarlund brought out their "Comet," one of the first superhet receivers for communications (being distinct from 'broadcast'), and followed it with the "Comet Pro" in 1932 and the "Comet Super Pro" in 1933. This was the start of the "Super Pro" family that lasted for over three decades. RME sold their first receiver in 1932. McMurdo Silver started building radio receivers in 1933. Hallicrafters was formed in 1933. The first of the legendary National HRO family was delivered in early 1935. By 1938, amateur use of regenerative receivers was almost nil. The QSLs from 1964 show that less than 10% of transmitters were homebrew, but an additional 50% were built from kits made by Heath, Knight, Eico, Hallicrafters, and Johnson. In 1932, commercial transmitters were almost unheard of in amateur stations, and there was a lot of poor design and obsolete technology. In fact, transmitted signals were so bad that in mid-1932 QST began listing calls of operators whose rotten signals had been reported by at least two independent observers. The problem was that over half of the 1932 transmitters were one-tube "power oscillators" - something akin to a twenty-watt VFO tied directly an antenna. Not only was the frequency unstable, but many rigs used unfiltered, pulsating DC for the plate power supply, which resulted in "buzz" modulation - both AM and FM! When was the last time you heard a CW note that was less than T9? Or a signal that shifted up and down the band as the wind blew? "Older" is not always "better." The 1931 - 1933 period was a minimum of the sunspot cycle, HF propagation was hurting (sound familiar?), and the country was in the grips of the Great Depression. Collins Radio was formed in 1931, and ran ads in QST starting in early 1932. As the sun spots improved in the late thirties, many new companies were formed and brought out new transmitter products. New York City's "Radio Row" was home to many amateur equipment builders and vendors, including Gross, Leeds, Harrison Radio, Wholesale Radio/Lafayette, and many others. Component makers such as Stancor, Thordarson, and United Transformer built transmitters us-

ing their own products. California was represented by Radio Supply, Radio-Television, and others. Several of the receiver manufacturers also built transmitters, with Hallicrafters perhaps being the most successful. Just as our receivers and transmitters of 1964 were greatly advanced from those of 1932, so our technology of 1997 is greatly advanced from that of 1964. Our rigs are now commercial transceivers, not 'separates.' There are almost no home-brewed or kit-built radios. The manufacturers include Yaesu, Icom, Kenwood, and Ten-Tec, not Heath, Hallicrafters, Hammarlund, and Collins. The new rigs are all solid state, with many of the transistors packaged into integrated circuits, not just discrete devices. Today, vacuum tubes are found only in high power amplifiers. Digital electronics technology is advancing rapidly. Within the last few years, digital signal processing and microprocessors have become integrated with analog RF circuitry, giving us radios with unprecedented features and flexibility to handle QRM, QRN, and changing band conditions. We use computers (PCs) for station control and for automatic communications (packet). As industry develops faster, cheaper AID converters with better linearity and more dynamic range, the 99%-digital HF radio will become a reality. Thirty-three years from now, it will be the year 2030. Who among us can possibly know the technology of the radios we will be using by then, or what manufacturers not now in existence will build them for us? Are we sending the QSL cards today that will become the history lesson for the amateur operators of the next generation?

For more detailed information on the manufacturers of amateur receivers and transmitters from the 1930's to 1980, the reader is directed to two books published by RSM Communications, Key Largo FL. See QST Feb 97, page 36.

K5RA was first licensed in 1963 as WN5FTP in Norman OK. His first rig was an NC-101X receiver and an RT-46/TRC-10 40-watt military surplus transmitter. He now works for Raytheon E-Systems Richardson (Texas) in the Systems Development Directorate. He is trustee of repeaters on 225 and 441 MHz, likes contests, DX, experimenting, and tower work, and is a member of the Richardson Wireless Klub and the North Texas Contest Club.

TABLE 1: Receivers Hallicrafters: SX-110 (7), SX-140 (3), SX-117 (2), Other (11) Drake: 2-B (15) Hammerlund: HQ-170/180 (5), HQ-100/110 (3), Other (5) National Radio: (8 different rcvrs - 1 ea) HeathKit: HR-10 (3), Other (3) KnightKit: R-100 (4), R-55 (1) Lafayette: HE-30 (2), HE-80 (2) Mosley: CM-1 (2) Homebrew (2) Military Surplus (2) Other (7)

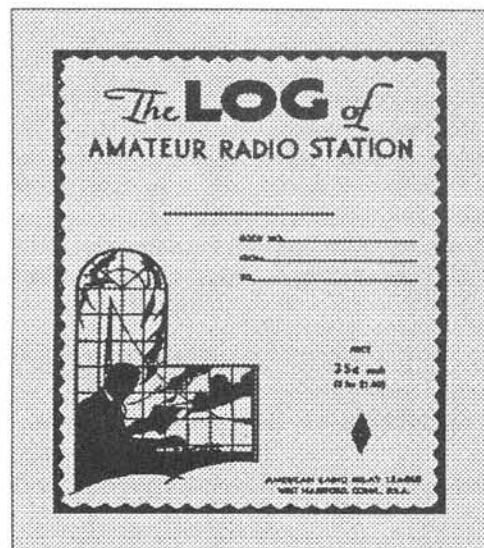
TABLE 2: Transmitters HeathKit: DX-40 (5), DX-60 (4), DX-35 (2), DX-20 (2), HX-11(2) KnightKit: T-60 (9), T-150 (3), T-50 (2), T-90 (1), Johnson: Ranger (5), Adventurer (3), Challenger (2), Other (2) Eico: 720 (6), 723(3), 750 (1) Hallicrafters: HT-40 (5), Other (4) World Radio Labs: Globe Chief (7), Other (2) Homebrew (6) Military Surplus (1) Other (7)

TABLE 3: Transceivers Collins KWM-2 (1) National NCX-3 (1) Drake TR-3 (1)

TABLE 4: Antennas Dipole or Doublet (35) Unspecified Verticals (14) Commercial Verticals (11) (including six 14AVS) Inverted Vee (9) Long wire, folded dipole, Windom, others (6)

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In cooperation with ARRL, the Quarter Century Wireless Assn., Inc, presents this special edition.

DON'T TRY TO BUILD THIS TYPE OF ANTENNA AT HOME...

*Extracted from article by Carl; Houston, Jr. (AFF2P)
in SKIP/CyberHam Magazine*

Submarine communications is an important part of the submarine combat system. The communications array on-board a submarine can provide valuable information such as bearing and speed of approaching ships; location and bearing of land targets; notification of bearing and position of the submarine itself to commanding station; and information given from superior command. Submarine communications use an array of frequencies to communicate. To communicate with a submerged submarine, a transmitting station sends out a signal in the (ELF) range. This range is from 3 - 30 Hz. This low frequency range is used primarily because of its electromagnetic characteristics as it relates with seawater. Its attenuation is small under the surface of the water. Unfortunately, this low frequency range has a slow transmission rate. So, the messages sent on this range may just tell the submarine to surface and wait for another signal.

The transmitting station of these types of signals are large because the transmitting antenna needs to be large to accomodate the wavelength of the signal. Once the submarine receives the signal and raises to a higher depth, it can then receive a signal from approaching aircraft or other land-based stations. The frequency used then to communicate is in the (VLF) range. This range is from 3 - 30 Khz. The transmission uses a digital modulation scheme representing a binary code of 1's and 0's. The type of scheme could be Amplitude Shift Keying, Frequency Shift Keying, or Phase Shift Keying. Submarine communications uses various frequencies to communicate giving the submarine a dynamic ability and ensuring its security and survivability.

The US Navy first used ELF wave propagation in 1969, using two antennas each 14 miles long in Wisconsin. These antennae, above ground, were highly vulnerable to nuclear damage. Later, the Navy planned an ELF system using buried antennas so as to be resistant to nuclear attack. This system was also deemed vulnerable and eventually abandoned. They then began development of an above-ground ELF system using antennas 28 miles long, again at the Clam Lake, WI site. After unpopular opposition by citizens and environmental groups, the system was again cancelled. President Reagan revived the system again in the early '80s with antennas 56 miles long on the upper peninsula of Michigan, in addition to the 28 mile long antennas in Wisconsin. Each antenna system is powered with a 660 kilowatt transmitter. This operation came on line in 1987.

ELF communications systems used by the U.S. uses two frequency bands, 40 to 50 Hertz, and 70 to 80 Hertz. The British and French also have operational systems, but I have not been able to find out about the specifications of their equipment. However, I am sure that they have massive antennas and high power to keep in contact with their deep-running subs.

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Silent Keys

with sadness we record the passing of these members

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BOSBACH, ROBERT G	K1CXP BROOKFIELD	W	10092 *
KATSON, ROBERT S	W1HBH LAS VEGAS	NV	17116 *
MARSH, JOSEPH H	N1JMS BROOKSVILLE	FL	28375
WALLACE, DEAN L	K2ANM MIDDLETOWN RD	NY	00778 *
STEELMAN, HAROLD R	W2BZI WOODBURY	NJ	02777
COHEN, CHARLES B	W2FQ LOS ANGELES	CA	07168 *
CLARKE, JAMES F	K2GYR BELLMORE	NY	28662
GREENE, DAVID	W2IAO BOCARATON	FL	04103 *
EDINGER, J RAYMOND	W2JKF JENSEN BEACH	FL	10755
POHLIG, EDWARD F	W2KTU EAST MARION	NY	03795
BURNS, FREDERICK R	W2KVV NEW MILFORD	NJ	13810
DORENBOS, ALBERT H	W2TGQ WHITESBORO	NY	27670
JOHNSON, ROBERT C	W2WVC EGGERTSVILLE	NY	08730
SCULLY, ROBERT C	W2XN OAKLYN	NJ	10438
CANNON, ROBERT A	W3AGO HYATTSVILLE	MD	14477 *
MARTIN, JACK	VE3AXU BEAVERTON	ON	20490
BURKE, MAE	W3CUL MORTON	PA	03581
BARBARITE, ROSEANN	W3FUS SAN LEANDRO	CA	17752
STAPLES, WILLIAM B L	VE3FVL NAPANEE	ON	24777
BADDORF, CARLE	W3FZO HATBORO	PA	07325
HORSKY, JOSEPH	VE3HMD OTTAWA	ON	24195
HERSHOWITZ, IRVIN	W3HQQ ARLINGTON	VA	06253 *
KINNEY, ROBERT V	W4BB PINELLAS PARK	FL	10002
FAIRCHILD, ROBERT B	K4FG SUN CITY CENTER	FL	06991
CLARK, KENNETH A	N4FU OAKTON	VA	25058
TOEDTER, HEINRICH	DL4HBT TOSTEDT, GERMANY		28525 *
HUNSUCKER, MARTIN R	W4HEV CHAPIN	SC	10961
HODGES, JESSE W P	W4JG RALEIGH	NC	10691
PARTEE, PHILIP W	WA4MQX VERO BEACH	FL	22222
HENRY, JOHN R	W4PFQ BELLEVUE	FL	16689
INGERSOLL, WELDON C	W4QCA N PALM BEACH	FL	07699
ROBERTS, ERICA	K4RF VERO BEACH	FL	00359
BRADY, ROBERT F	W4RK ATLANTA	GA	07482
SHORKLEY, FRANK H	K04RU CAPE CORAL	FL	15589 *
GRUELLE, WORTH	W4ZG ROCKLEDGE	FL	07933 *
BERNHARD, H H	K5AP EL PASO	TX	10637
POINDEXTER, J J	W5BOY AUSTIN	TX	06788 *
SERUR, EDMUND	W5CNO TYLER	TX	06074
RANSON, EDWIN R	K5ER PORT TOWNSEND	VA	24702 *
SOULE, KAREM O	W5FGT KILGORE	TX	18392
DILLON, PAUL	W5GT IRVING	TX	02385 *
KUNKEL, CARL JR	K5IBI AMARILLO	TX	23649
MONCREIF, F F	W5JGD PORT ARTHUR	TX	09445
AUWAERTER, EDWARD J	K5KTV ALEXANDRIA	LA	16067 *
ANDREWS, GEORGE C	W5PV RUSSELLVILLE	AR	11052 *
GILBERTSON, HAROLD A	W5RB SHAWNEE	OK	06904
CONDE, JAMES O	W5RUT BILOXI	MS	06756 *
BURROWS, REID H	W5TGU DE FOREST	W	07185 *
JEFFERIS, H R	W5TJP BURKBURNETT	TX	18475
GEORGE, WILLIAM H	W5TTP SARASOTA	FL	50788 *

NAME	CALL/CITY	STATE	MEMNUM L
HUDDLESTON, HOMER LEE	N5UN DALLAS	TX	18841
CURRY, CARL P	W5UQX HOUSTON	TX	19214
MCMAHON, BERNARD P	W5VWK OCEAN SPRINGS	MS	18896 *
MILLIREN, LEROY L	AF5W SPRINGDALE	AR	18608
DOBLER, RAYMOND W	W6BHF POWAY	CA	07087
GOLDKAMP, S C	W6BRM SAN DIEGO	CA	10631
STEINKAMP, ERNST	DL6CT KIEL, GERMANY		12733
DAVIS, HENRY E	W6DTV SABASTOPOL	CA	03122 *
HAGBERG, CHARLEY	W6ELL BEND	OR	16652
ULMER, HAROLD W	W6EPM OCEANSIDE	CA	15995 *
ST JOHN, E	K6EV LOS ANGELES	CA	03412 *
BERG, TORD H	N6GOT UPLAND	CA	15709
CRUMB, MYER L	W6KHY SAN LUIS OBISPO	CA	07916 *
WESTFALL, WALLACE D	W06N CANBY	OR	17174
MCDOWELL, LARRY	KA6NSQ LONG BEACH	CA	17341
PILKINGTON, RUSSELL T	K6OMN CALIMESA	CA	15893
PRICE, R LEE	K6PHT THOUSAND OAKS	CA	10666
ENLOE, CHARLES A	WA6TJJ DALY CITY	CA	19406
DAVIDSON, RALPH C	K6VTO LOS ANGELES	CA	06659 *
BURDETTE, SAMUEL E	W6YVV OCEANSIDE	CA	06701 *
DODGE, E H	W7BTU GIG HARBOR	WA	01230 *
LONGO, FRANCIS	K7IKR SANTA MARIA	CA	17613
HOOK, VINCENT	W7JAN TACOMA	WA	05130 *
DICKSON, FREDERICK H	W7LBH ALBANY	OR	07033
BRUENING, ALVIN J JR	W7LDE SEATTLE	WA	19891
HAMMOND, WILLIAM G	W70TJ FISHTAIL	MT	18346 *
DENISON, MARVIN D	K8ANA STASBURG	OH	16598 *
NEALEIGH, DANIEL A JR	W8CSV GREENEVILLE	OH	08801
CARPENTER, ARCHIE H	NS8D SMITHVILLE	OH	21071 *
NOYCE, KENNETH	W8DSH LANSING	M	24600
WARREN, DONALD E	W8FQE OVIEDO	FL	16006
MACNEALY, WILLIAM K	WD8LFC COLUMBUS	OH	18753 *
REA, ALBERT K	W8LRM ST JOSEPH	M	11993 *
BLOSSER, DAVID L	W8MDL GARFIELD HTS	OH	17770
KOLODEY, STEPHEN	W8NWM AKRON	OH	10538
WINTERS, PHILE	K8THT CINCINNAATI	OH	19060
PERDEW, CHARLES HADDON	W9BIN MAGNOLIA	IL	00872
MCCORMICK, HARRY	W9HB PEKIN	IL	00790 *
CANNON, WILLIAM R	W9KYP PINELLAS PARK	FL	21827
THOMPSON, JAMEST	K0ENJ AURORA	CO	22050
MC CARTY, JOHN F	W0JUJ FALLS CITY	NE	09238
FRAZER, KENNETH M	K0KKJ HASTINGS	NE	03009

Note: The asterick (*) in the "L" column indicates - Life Member

QCWA Welcomes New Members

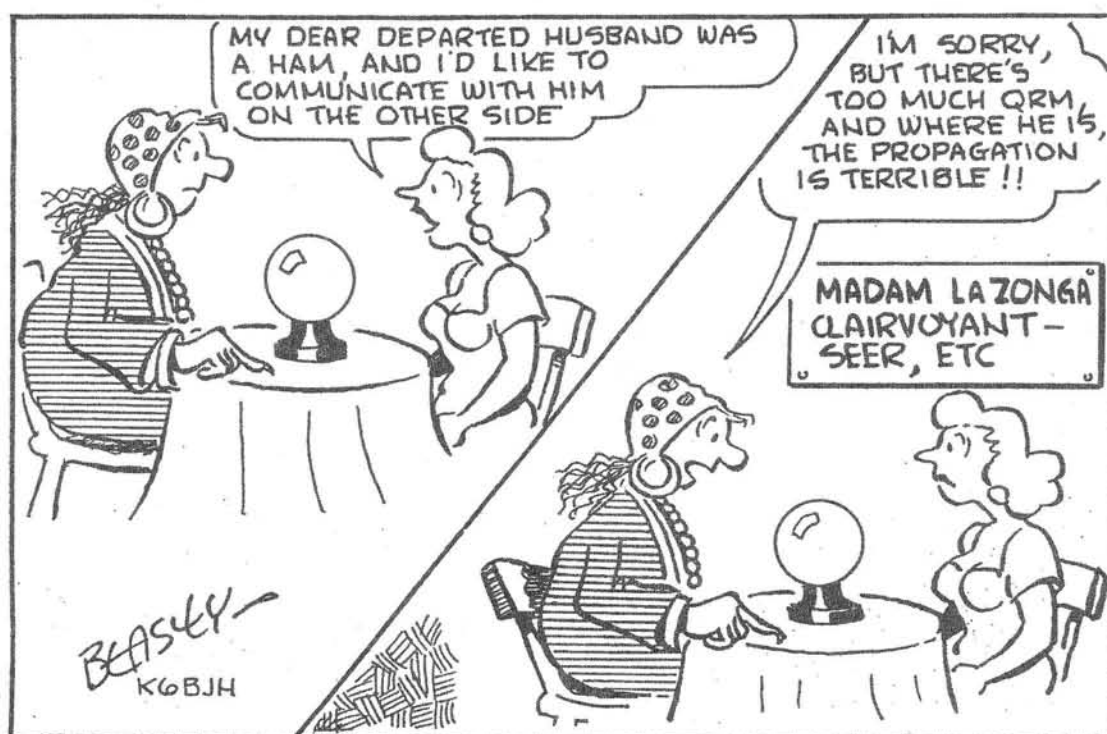
<u>DATE/MEMNUM/NAME</u>	<u>CALL/CITY</u>	<u>ST</u>	<u>SPONSOR</u>	<u>SCALL</u>
11/18/97 29152 BOOTS, JOHN R	W0EFD TAMPS	FL	J FREDERICK STROM	K9BSC
11/19/97 29153 PARKER, LARRY R	VE3EDY SARNIA	ON	-	-
11/19/97 29154 STONE, JIMMY	WB8NYV DETROIT	MI	-	-
11/20/97 29155 FALJENHOF, JACK J	K4BYF LAKE WALES	FL	LA POSTAGE	N4UMR
11/20/97 29156 HORN, IRA PAUL	KC2KN FLANDERS	NJ	-	-
11/20/97 29157 JONES, EVERETT W	KF4BFZ WALLINS CREEK	KY	WILLIAM D PRICE	W4CZ
11/21/97 29158 BENNETT, FRANCIS L	K5YH EL PASO	TX	-	-
11/21/97 29159 TOLLE, JEAN	AA8RZ CLEVELAND	OH	ALBERT H ZIMMERMAN	W8JYN
11/24/97 29160 ACREE, TOM M	K7TG OLYMPIA	WA	JIM TVRDY	KL7CDG
11/24/97 29161 ANDERSON, FRED H	W9TBZ SPRINGFIELD	IL	JOHN G TROSTER	W6ISQ
11/24/97 29162 ASHLEY, F BOBBY	WA4MFJ WALTERBORO	SC	BRYCEN MYERS	K4LXF
11/24/97 29163 LASKIN, SAMUEL	KD2EI W COLLINGSWOOD	NJ	-	-
11/25/97 29164 BISWELL, ROBERT G	W6MZR JUNCTION CITY	OR	-	-
11/28/97 29165 MEARS, JOHN E	WA8NQO WHITE HALL	MI	RUSSELL RONNING	K8BGP
12/01/97 29166 BAUER, FREDERIC M	WA1SSI MARBLEHEAD	MA	C WILLIAM CLAYTON	K3HIE
12/01/97 29167 STANDERS, TED	WA6UMD JAMESTOWN	CA	-	-
12/01/97 29168 LETT, RICHARD	KN6LD CLINTON	VA	-	-
12/02/97 29169 FIGGLES, JOHN	W3YHL EDGEWATER	FL	EARNEST C LITTELL	W8HQI
12/04/97 29170 DAVISON, CHARLES H JR	K2DPS EAST BRUNSWICK	NJ	DON FIELD	W2JAE
12/04/97 29171 PATE, JOHN MEYERS	WB5EUC AMARILLO	TX	TEX SUMNER	W5IEA
12/05/97 29172 KUBICHEK, DALE R	N6JSX MANITOWOC	WI	-	-
12/05/97 29173 RIDDELL, RICHARD B	N7OX VANCOUVER	WA	BLANCHER ANDLES	W4GXZ
12/08/97 29174 SMITH, DONALD NORMAN	W0YFB MANITOU SPRINGS	CO	-	-
12/08/97 29175 BEAN, JOHN A J	W5SVU CONCORD	MA	R C SEIFERT	KB2FF
12/08/97 29176 CREWS, WILLIAM H	W2VHC FREDERICKSBURG	VA	-	-
12/08/97 29177 HILT, ROY A	K1JNR UNCASVILLE	CT	WAYNE SHAFFER	W3QAN
12/08/97 29178 RICCIO, GLENN F	KE1EJ ROCHESTER	MA	-	-
12/10/97 29179 ERBAUGH, MARK	N8ME GROVE CITY	OH	-	-
12/10/97 29180 HAERER, JAMES W	KF4USI FT MYERS	FL	TAD BURIK	WA8PXL
12/10/97 29181 SPADARO, JOSEPH	NV2I GARDEN CITY	NY	KATE SAUL	AE2Z
12/11/97 29182 KENDRICK, KENNETH L	WB5EC J OKLAHOMA CITY	OK	GENE NAILON	K5DLE
12/11/97 29183 MITILIERI, ROBERT	N2EFT CAROL STREAM	IL	-	-
12/11/97 29184 WILLARD, LE ROY	WB7CY J GEORGETOWN	CO	-	-
12/12/97 29185 MEYER, DANIEL J	KB9WAMERY	WI	-	-
12/12/97 29186 ROBOTHAM, WILLIAM S JR	WA1RHT BURLINGTON	CT	-	-
12/15/97 29187 BRUNO, PETER J	NC8BALMA	MI	-	-
12/15/97 29188 HARRINGTON, JOHN R	KK5RD BEAUMONT	TX	-	-
12/15/97 29189 PARSONS, ERNEST L	W1RXH BOWDOINHAM	ME	PHILIP MYOUNG	W1JTH
12/16/97 29190 NICOLAUS, DAVID J	W9DN VALPARAISO	IN	-	-
12/16/97 29191 WILSON, WILLIAM F	WB6CLL HOLLISTER	CA	-	-
12/17/97 29192 THURSTON, CHARLES A	K7PLG WALDPOR	OR	DON BULAU	WA7KEI
12/17/97 29193 LEEDER, HARRY A	N2HLASHEVILLE	NC	-	-
12/17/97 29194 TRAVIS, JOHN H	W4QCF ASHEVILLE	NC	-	-
12/17/97 29195 WESTMORELAND, HENRY E	WB4RPG GARDEN	NC	-	-
12/18/97 29196 KLECKNER, EDWARD W	N7YQR HANSVILLE	VA	-	-
12/18/97 29197 ZWEIG, JON	KF6OLA PALO ALTO	CA	-	-
12/22/97 29198 THOMASON, JOHN E III	K5VG WOODBRIDGE	VA	-	-
12/22/97 29199 WINTER, PAUL C	WJOZ SIERRA VISTA	AZ	-	-
12/22/97 29200 AYERS, DON	KC5BRO EDMOND	OK	GENE NAILON	K5DLE
12/24/97 29201 KEHO, JAMES J	KT4ZT MERRITT ISLAND	FL	ORTON L DUGGAN JR	W4EQE
12/29/97 29202 BINGHAM, PHILLIPS P	K5AO ARLINGTON	TX	GEORGE E LYONS	K5MXQ
12/29/97 29203 PAYNE, GARY	W7JZU BOISE	ID	NEIL W ZIMMERMAN	W7MAF

New Members

12/29/97 29204 ZELENAK, ROBERT T	W600Q ESCONDIDO	CA	-	-
12/31/98 29205 OLSON, STEVEN D	W2VXMANASQUAN	NJ	-	-
12/31/97 29206 GARDNER, TOM R	K5KZV EDMOND	OK	GENENAILON	K5DLE
01/05/98 29207 ABBOT, RICHARD M	WB2MBMBELLEMEAD	NJ	-	-
01/05/98 29208 FOX, JAMES F	WA0HFG DIGHTON	KS	BOBBYLCONNER	WA0BKS
01/05/98 29209 HESSLER, JAMES C	K8JH ROCKFORD	M	-	-
01/05/98 29210 HOFFMAN, JOSEPH	WV8XAVON LAKE	OH	ROCKYZIMMERMAN	W8UYN
01/05/98 29211 SOCHOR, GENE	N9SWWAYNE	IL	-	-
01/05/98 29212 DUMMLER, TERRY	W17AYELM	VA	HAL POTTER	K7RQ
01/05/98 29213 HAYNIE, JIM D	W5JBP DALLAS	TX	BARNEYMOFFATT	W5CJZ
01/06/98 29214 STONE, MARY ANN	K8RCJ BELLBROOK	OH	HFRED STONE	W8LLY
01/09/98 29215 BETTS, ROBERT L	W3UPCHESTERTON	N	WAOWEN	W4WS
01/12/98 29216 FUCHS, ED	VE3XTU NEPEAN	ON	G KEITH BEDAL	VE3GFI
01/12/98 29217 LADUKE, TERRY L	W7RNF BOISE	ID	NEILWZIMMERMAN	W7MAF
01/13/98 29218 HOLTZ, AUGUST	VE3VK OTTAWA	ON	CROFT TAYLOR	VE3CT
01/13/98 29219 ANTEN, EARLE G	KM6VM ARVIN	CA	ROBERT TAUXE	W6JTA
01/13/98 29220 HARDIN, DALE	KS4NS FT MYERS	FL	ED YODER	W3YMB
01/13/98 29221 LOPEZ, FRED	KF4IQF PT CHARLOTTE	FL	ED YODER	W3YMB
01/13/98 29222 SREDNICKI, CASS	W8TVN MOGADORE	OH	BILL HESSLER	W8DXT
01/14/98 29223 CAPON, ROBERT S	W3DX CHARLOTTESVILLE	VA	HARRY J DANNALS	W2HD
01/15/98 29224 BEAVER, CLARENCE	K4SHU SALISBURY	NC	-	-
01/15/98 29225 HEYN, FRIED	WA6VZO COSTAMESA	CA	LEO MEYERSON	W0GFQ
01/15/98 29226 HEYN, SANDRA MAE	WA6VZNCOSTAMESA	CA	LEO MEYERSON	W0GFQ
01/15/98 29227 CHILTON, CHARLES P	WG5M OKLAHOMACITY	OK	GENENAILON	K5DLE
01/16/98 29228 CUMPIAN, ANICETO	WB6BIEBUENAPARK	CA	-	-
01/19/98 29229 HOLT, LEWIS H	W7AAI SALEM	OR	-	-

Note: The listing for Herbert J. Ulrich, Jr. was incorrectly listed in the last issue. The following is the correct information:

#29108 Herbert J. Ulrich, Jr., K2JVM, Penn Yan, NY, Bob Rooney, W2AET



Chapters on the Air

NO	NAME	DAY	TIME NC	FREQ	NO	NAME	DAY	TIME NC	FREQ
	SO CALIFCW	SUN	1100L W6WHM	3695	81	LONG ISLAND QCWA	SUN	1130L W2TLC	3917
	FLORIDA SSB	SAT	1300Z W4NWF	3955	85	ARK-LA-TEX	MON	2100L VARIES	146.67
	QCWASSB	SUN	2000Z varies	14347	87	EVERGREEN	SUN	1500Z VARIES	3984
	FLORIDA SSB	WED	1500Z W4NWF	7274	89	PALMETTO R	SUN	1700L N4LS	3695
	NEREGIONAL	SUN	0845L W2AUF	3917	89	PALMETTO STATE	SAT	0900L W4DNR	3927
	QCWACW	WED	2000E varies	7035	91	VIC CLARK	SUN	0900L W4QCW	146.79
1	CLEVELAND	WED	2000L KB8ZBH	146.88	92	NORTHERN LIGHTS	SUN	2000L KL7CDG	146.97
2	CHICAGO AREA	1TH	2130L W9MOL	147.15	94	ROADRUNNER	SUN	2000L WB5YYX	146.72
4	NORTHWEST	SUN	1200L KF7P	3952	95	EASTERN NEW YORK	SUN	1130L WB1M	3900
4	NORTHWEST	SUN	0800L W7PN	3565	96	GATEWAY	SAT	1600Z W4KGT	3933
4	NORTHWEST	SUN	1500L W7PN	3952	102	DAKOTA	SUN	0800L VARIES	3889
5	DELAWARE VALLEY	SUN	1000L W2EEQ	3917	104	TREASURE STATE	SAT	0830L W70TJ	3936
6	PITTSBURGH	SUN	0830L N3GHI	147.03	105	MIDDLE TENNESSEE	THR	2000L WA4JJY	146.91
7	SOUTHERN CALIFORNIA	SUN	1000L W6ZRZ	147.36	106	GERMAN	TUE	1730Z VARIES	3555
7	SOUTHERN CALIFORNIA	SUN	0900L W6LPJ	3917	106	GERMAN	MON	1700Z VARIES	3669
8	UPPER MIDWEST	SAT	0800L W0KHG	3877	107	CENTRAL FLORIDA	SAT	0900L W4LHP	7243
9	SOUTHWEST OHIO	SUN	1330L W8DWT	3987	107	CENTRAL FLORIDA	THUR	1230L W4LHP	14245
10	MICHIGAN	SUN	0800L VARIES	3903	108	BEAVER STATE	WED	0800L VARIES	3909
11	NORTHERN CALIFORNIA	SUN	0930L WA6AFT	3907	109	BATON ROUGE	SUN	0830L VARIES	3905
11	NORTHERN CALIFORNIA	SAT	1000L W6AQR	146.85-	109	BATON ROUGE	SUN	2000L VARIES	146.79
12	SOUTHEAST FLORIDA	WED	2000L VARIES	146.76	110	KANSAS	SAT	0730L KA0RZO	3920
14	SAN DIEGO	WED	2000L K6QM	145.52	112	YANKEE	SUN	0830L K1JJJ	3902
16	ARIZONA	SUN	0630L W7ER	3890	114	NORTH TEXAS	SAT	0830L WA5BXH	3941.5
17	ALLENTOWN-BETHLEHEM-	SUN	1200L VARIES	3990	120	QTRCTY WIRELESS WOMEN	TUE	1900Z K4KUU	14295
19	MISSOURI	WED	1930L KD0IR	147.15	122	LAKE ERIE TRI-STATE	SUN	0930L W3QPP	3915
20	BALTIMORE	MON	2100L W3EE	147.285	123	LEE DEFOREST	SAT	0730L VARIES	3940
21	CANTON OHIO	THU	1930L WA8DRT	146.79	126	PIEDMONT	SUN	0845L VARIES	3935
25	NEBRASKA	TUES	1900L W0HXL	146.94	128	PELICAN	SAT	1000L K9BSL	145.29
25	NEBRASKA	SAT	0830L VARIES	3982	128	PELICAN	MMF	1600L K9BSL	145.29
28	CENTRAL NEW YORK	SUN	1530U VARIES	3917	130	INLAND EMPIRE	WED	1930L W6HV	1.896MH
29	FINGER LAKES	SUN	1230L VARIES	3900	130	INLAND EMPIRE	SAT	0800L W6HV	3862
30	WEST VIRGINIA	SUN	1500L W8UQ	3865	130	INLAND EMPIRE	FRI	1600L W6HV	3862
31	READING, PA	MON	2100L VARIES	146.91	131	GULF COAST	TUE	0900L WF4V	28750
32	GATOR	SAT	0900L VARIES	145.29	134	PINE TREE	SUN	1430L VARIES	3942
33	GUNDERSON PENN-JERSEY	DLY	2000L W3APE	3982	135	MID-MICHIGAN	TUE	2000L VARIES	146.70
35	MIDCONTINENT	THU	2030L K0YML	146.97	138	CENTRAL NEW JERSEY	TUE	2200L VARIES	147.045
37	HARRISBURG	WED	2100L K3IUY	147.12	140	WYOMING	SAT	0800L W7MZV	3923
38	SAN ANTONIO	SUN	2030L W5HRF	28650	141	HI-PLAINS	SAT	0900L W5MVJ	3933
41	DALLAS	SUN	0715L varies	3835	142	NORTHWEST OHIO	WED	2000L W8FO	146.79
45	CITRUS	TUE	1930L W4PLA	147.195	143	NORTH COLORADO	SUN	0830L N0CG	145.115
46	FOUNDER'S	THU	2030L W2AUF	147.36	146	TWIN STATE	SUN	0830L WA1NBI	3898
46	FOUNDER'S	SUN	0930L W2AUF	3917	149	NUTMEG	SUN	1130L W1KHL	3923
48	TREASURE COAST	DLY	1700L K4QM	14.176	150	DEL-MAR-VA	SUN	0900L K3PFV	146.82
48	TREASURE COAST	DLY	0800L K4QM	7153	151	WILD ROSE	MON	1900L VARIES	3747
49	PEACH STATE	WED	2000L VARIES	145.41	152	ROYAL PALM	MMF	1300L W4LZV	7220
49	PEACH STATE	SAT	1400Z K4VN	3857	152	ROYAL PALM	T-TH	1300L K4FA	14178
51	TEX-LA GOLDEN TRIANGLE	MON	1830L W5HYD	146.70	154	LEO MEYERSON	THUR	1830L W9VKC	145.480
52	MISSISSIPPI GULF COAST	THUR	2000L W50XA	28.480	157	PONY EXPRESS	SUN	0830L W0GGP	3955
54	TYLER	SUN	0800L W5CNO	3835	160	UTAH	SAT	1100L VARIES	7272
54	TYLER	MON	1930L W5RRM	28.650	162	SOUTHEAST WISCONSIN	THUR	2100L VARIES	147.87
55	WISCONSIN	SUN	0830L VARIES	3985	164	BIG BEAR	SAT	1900L N6EFT	147.33
58	COLORADO	SUN	0930L VARIES	146.07	165	YORK COUNTY PENNA	WED	2100L W3AXC	146.97
58	COLORADO	SUN	0900L W9KRE	3905	166	COLONIAL	TUES	1000L W3TTV	147.21
62	SUWANNEE	SAT	0900L W4PFJ	3940	169	SACRAMENTO VALLEY	DAILY	0730L VARIES	3854
63	CENTRAL OKLAHOMA	THUR	1700L W5AS	145.41	170	CENTRAL WASHINGTON	WED	1900L VARIES	146.94
63	CENTRAL OKLAHOMA	SUN	0800L W5AS	3855	173	GOLDEN TRIANGLE	TUE	1900L W9JRY	147.255
64	EL PASO	SAT	0830L VARIES	3933	181	HUDSON VALLEY	SUN	0815L W20ZA	3917
65	NIAGARA FRONTIER	SUN	1330L W2QI	3900	181	HUDSON VALLEY	TUES	2030L WA2RRK	147.060
70	NATIONAL CAPITAL	THUR	2000L VE3QCW	147.03	182	NORTHEAST TENNESSEE	SUN	2100L WA4NZT	146.76
73	SOUTHERN ONTARIO	SUN	0900L VARIES	3773	183	PIONEER	SUN	1030L W1MM	3923
73	SOUTHERN ONTARIO	SUN	1300L VE3MO	7088	184	BAY AREA	SUN	1830L VARIES	146.64
75	CENTRAL CALIF COAST	SAT	0800L W6RBB	3917	186	MESILLA VALLEY	THUR	1900L AB5OU	146.84
76	BLUE RIDGE	SAT	1300L K4HXZ	3855	188	LOST RIVER	1STW	1930L K7RFO	146.85
77	NORTHERN NEW JERSEY	SUN	1300L W20JW	3917	191	MONTEREY BAY	TUES	1930L AA6T	146.70
77	NORTHERN NEW JERSEY	THU	2000L W2IET	147.285	194	HAWAII	1ST S	1500L VARIES	7088
79	SUNFLOWER	WED	2100L VARIES	146.82	196	EDISON	EVERY	0730L VARIES	147.345
81	LONG ISLAND	FRI	2030L K2YAV	146.745	196	EDISON	EVERY	1000L VARIES	146.88

1998 NATIONAL CONVENTION

October 9 - 11, 1998

Hosted by the

LEO I. MEYERSON GREATER PALM SPRINGS AREA CHAPTER #154

at the

EMBASSY SUITES HOTEL

74-700 HIGHWAY 111, PALM DESERT, CA 760 340 6600

Chapter 154 President: Bob Rose, K6KRZ, 760 360 0698
Convention Chairman: Don Doughty, W6EEN, 760 345 8780

Convention Hotel This hotel is ideal for our Convention, located as it is on the City line between Indian Wells and Palm Desert. We have a special room rate of \$109.00 per night and this includes a 5 to 7pm open bar Cocktail Party each evening and an off the menu Breakfast each morning. The cutoff date for reservations is September 8, 1998. Plan to travel on Thursday and go home Sunday or Monday. If you fly in, rent a car. Most of the car rental agencies have competitive weekend packages.

Program A detailed program will be furnished with the registration package, but in general the program is as follows: An informal group breakfast will take place on Friday, Saturday and Sunday mornings and a 5 to 7pm Cocktail party will take place each evening. There will be a Ladies Luncheon and Fashion Show Saturday noon (men may attend, I will) and a Saturday Evening Banquet. Dave Bell, W6AQ, noted Film and TV Producer, will be the banquet speaker and those who have heard him before will come to the Convention just to hear him! We will have Seminars on Friday and Saturday Mornings, including Lew McCoy, W1ICP, speaking on Truth in Antenna Advertising, and Don Johnson, W6AAQ, speaking on Real Mobile Antennas, a QCWA Forum and others. The afternoons are mostly open for sightseeing trips and shopping on El Paseo.

Friday evening is open and we encourage you to try one of the 400 or so local restaurants. My favorite is Mario's on El Paseo where they sing Opera and Show tunes while you dine, and Bob's favorite is Basin Street West, where dinner is followed by an Old Timer's type show. We are taking a \$20 deposit per person to hold reservations for either of these two restaurants and which will be returned to you at the restaurant. And, there are many other fine restaurants nearby, including Jillian's, Club 74, Ruth's Chris Steak House, Vallentino's, Le Paon, Le St. Germaine, and others.

Afternoon Day Trips There are many interesting things to do and see here in the Coachella Valley. Great shopping is available on nearby El Paseo (the Rodeo Drive of the Valley) and also at the Palm Desert Towne Center Mall; the recently opened Palm Springs Air Museum has a great collection of "old birds"; the Palm Springs Aerial Tram provides spectacular views of the valley from the top of Mt. San Jacinto; the Living Desert offers views of desert animals and plants in a unique setting; Jeep Tours to the Indian Canyons and old Oasis areas are available; you may take a Hot Air Balloon Ride over the valley; and many more are available! We will have a Trip and Travel Desk in the registration area where you can obtain brochures, coordinate transportation, and so forth as needed. If you will check your interest on the reply form below we will send you brochures with your Convention Confirmation

October is the best time of the year here in the California Low Desert as the temperatures are in the 70's and 80's and the "winter visitors", i.e. snow birds, have not yet returned in great numbers. Summer rates and prices are still largely in effect and we have the place mostly to ourselves. Plan to come early and stay late!

Chapter 154 will **NOT** hold the Annual Spring Luncheon in either 1998 and 1999.
Come to the NATIONAL CONVENTION, October 9-11, 1998!

NAME _____ Call _____
 Spouse/Guest _____ Call _____
 Address _____
 City _____ State _____ Zip _____
 Telephone _____

Interest in the following: (for planning purposes-check those of interest) ☐ Shopping on
 El Paseo ☐ Air Museum, ☐ Palm Springs TRAM, ☐ Visit to Living Desert,
☐ Jeep Tours, ☐ Hot Air Balloon Ride

Registration	Number	cost per person	Amount
Amateur Registrant	—	\$15.00	—
<i>There is no charge for non-ham spouse or guest</i>			
Deposit for Mario's reservation	—	20.00	—
Deposit for Basin Street West res.	—	20.00	—
Saturday Evening Banquet			
Prime Rib Au Jus	—	30.00	—
Chicken Piccata	—	26.00	—
Saturday Luncheon/Fashion Show	—	22.00	—
		TOTAL	—

PLEASE MAKE CHECKS OUT TO QCWA CHAPTER #154. Thank you.
 Mail to: Norm Friedman, W6ORD, 96 Palamino Cir., Palm Desert, CA., 92211-3212

"AIR TAPPERS" MYSTIFY RADIO EXPERTS HERE

Strange Dots and Dashes Laid to Bootleggers, but Knowing Ones Are Skeptical.

Air tappers.

That's what some of Toledo's radio addicts are talking about these days. The say they hear, on the low wave lengths below those used by the regular broadcasting stations, a jumble of mysterious telegraph signals and spoken words that send chills creeping up their vertebrae and suggest dark deeds in the making.

Bootleggers Blamed.

And the bootlegger, who is with us always, and who is credited with availing himself of the most up-to-date methods in carrying on his business, is being accused of coming in on the air from outlawed stations, and tapping code messages to his confederates.

It is possible to send telegraph messages without a broadcasting set at all. Any receiving set can be manipulated to shoot dots and dashes for a mile or so. Furthermore, it would not be difficult, say those who ought to know, to procure a telegraph broadcasting outfit and put an operator to work.

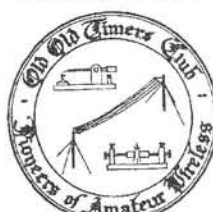
Always Suspicious.

"Possible, but not probable," said one Toledo radio expert when asked if he thought bootleggers were emulating the old wire tappers of a previous generation. "There's a mystery about hearing these signals come in out of nowhere, and whenever you have a mystery, you are likely to attribute it to criminals. During the war a woman couldn't send a telegram saying the baby was sick without somebody thinking it was a code message from a German spy, or mobilization orders to an army corps."

But the rum runners who started by carrying hooch in their boots, and gradually worked up to automobiles, airplanes and submarines, are going to be accused, just the same, by many a dial twirler when he hears unintelligible signals sputtering out of his loud speaker.

From Editor's collection of old newspaper articles, this one a reprint from a Toledo, Ohio newspaper circa 1920-1930. If you have any old newspaper articles, the ole Editor would sure appreciate having a copy.

ESTABLISHED 1947



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FOR SALE/TRADE: The nicest SX-42 & Speaker I could find. No time to fully restore. \$300. Looking for Argonaut 515 or equivalent. Will pack & ship in US. David Farris, K5NT. (512) 445-5571 or dbfk5nt@aol.com.

Wanted: Cosmophone 35, Hammarlund Pro-310, McMurdo-Silver ham rcvrs, Federal 59, 61. John Hurst, KU6X, 2512 Euclid Crescent East, Upland, CA 91784, (909) 981-6759. e-mail: hurstjsj@gte.net

WANTED: Hammarlund SP-600 and RCA AR-88 receivers. Bill Mills (KC4AA), 188 Ellis Mill Road, NE, Milledgeville, GA 31061-9020 or 912-452-2957 or e-mail: wmills@gmc.cc.ga.us.

WANTED: Manual TM5126-C1-2 for PP1104BIG power supply. Carlton Trotman W3BRX, 1725 W. Godfrey Ave. #20, Philadelphia PA 19141

FOR SALE: All mnode IC-211 + IC-RM2. Heath frequency counter Model IM-4110. Heath Receiver HR-1680. Norm Luckey K7ZZM, PO Box 410043, Big Water, Utah 84741-2043. Ph: 435-675-5833

WANTED: Collins 51S1, KWM-380, 75S3B/C; RME-9; National HRO-500, NC-400; Hallicrafters SX28, SX88, SX-73; Gonset G-77, 6 & 2 meter SSB; Pro 310; Johnson Kilowatt, 500; Globe King. Steve K6PFW 848 N. Silverwood, Upland CA 91786. Ph: 909-985-1062. email: wsbarnes@eee.org

WANTED: Atlas 210X or 215X and accessories. Wayne Paarmann W0GNJ 3546 230th St., DeWitt, Iowa 52742 Ph: 319-659-3506

SELLING rare complete 82-year collection of QST from issue one, December 1915 to present documenting the history of amateur radio. \$3000. Ken Miller K6IR 16904 George Washington Drive, Rockville, Maryland 20853-1128 Ph: 301-774-7709. email: dtgr94a@prodigy.com

FOR SALE: Brass narrow gauge (three inches) bug. \$239.00 prepaid. Works great. Telegrapher's typewriter (capital letters and figures on same shift) \$149.00 prepaid. Dr. W.C. Hess W6CK PO Box 19, Pasadena, CA 91102

FOR SALE: Icom AH-3 tuner. Never used. Price \$495.00 plus shipping. M.J. Norona 33 Central Avenue, Buckhannon, WV 26201 Ph: 304-472-5483

WANTED: Collins 51-J4, 51S-1, General Electric X-371, Hallicrafters CR-3000. State condition and price. Herman Schnur 3205 Brick Kiln Rd., Greenville, NC 27858 Ph: 919-752-2264

WANTED: W.W.2 German military radio/radar gear. Clandestine sets all periods. Cipher gear. Rag Otterstad LA5HE/OZ8RO Hosterkobvej 10. DK 3460 Birkerød, Denmark Ph: ++45-4281 5205 email: otterstad@inet.uni2.dk

FOR SALE: Heath SB-1400 (FT-747-GX) with power supply/speaker - FM module - mike and all manuals - \$500.00 plus shipping. Wayne Flickinger W4BKL 1445 Bentcreek Dr., Marietta, GA 30062 Ph: 770-321-1849

SALE: Complete sets of QST, CQ, Ham Radio, Govt and Flying Horse Callbooks, ARRL Handbooks. Details, Write Bob Arrowsmith K4JN PO Box 166, Annandale, VA 22003 Ph: 703-560-7161

Complete set(s) of QST, ARRL Handbooks, Ham Radio, CQ Callbooks. QST commercially bound thru 1929, Balance ARRL Binders. Best offer over \$2,900 by June 1, 1998. ARRL Handbooks 1926 thru 1995, BO over \$1,600. Ham Radio Magazine Binders 1968 thru 1990 BO - \$150.00. CQ 1945 thru 1995 33 years in binders BO 250.00. Government amateur callbooks, 1913 thru 1931 BO \$1200.00. Flying Horse callbooks or its predecessor 1920 thru 1996 BO \$2000.00. Gernsback Wireless bluebooks, Amateur callbooks, 1910, 1911, 1914. BO \$300.00. Pick up or arrange shipping. Bob Arrowsmith K4JN PO Box 166, Annandale, VA 22003 Ph: 1-703-560-7161

WANTED: Vibroplex Zephyr or McElroy bug. B&W Type JEL coils. Collins Radio Goods. Signal Magazines. Brian Roberts K9VKY 130 Tara Dr., Fombell, PA 16123 Ph: 412-758-2688

FOR SALE: New 7A 13.8V power supply in original packing. Half original cost - \$25.00 + shipping. Wayne Flickinger W9BKJ 1445 Bentcreek Dr., Marietta, GA 30062 Ph: 770-321-1844

SELLING: 75A-4; Vibroplex Blue Racer; Johnson Valient; Black bakelite panels for projects. Send SASE for info to Parker Heinemann W1YG 745 16th Avenue South, Naples, FL 34102-7450

Trip to ARRL HQ by bus, upcoming in May '98. 49 seats, would you like to join us? \$35.00. For information contact: Tony Musero K3UKW 1609 So. Iseminger St., Philadelphia, PA 19148 Ph: 215-271-8898. This is a day trip. ALL WELCOME.

FOR SALE: EIMAC Tubes, GOOD: 35T, 75T, 100T, 100TH, 250TH, 450TH, 304TH, 304TL, Several EACH, \$20 EACH Plus Shipping. W7KCJ (360) 385-2917

Please send classified ads to QCWA Journal, 672 Indian River Dr., Melbourne, FL 32935 to arrive no later than 1 month prior to publication date. Ads may also be faxed to 800-421-3279 or e-mailed to gwentz@digital.net

Kindly limit ads to 25 words. Words are counted as follows: WANTED, FOR SALE, FREE, etc count as 1 word; your address counts as 6 words.

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Fax - 541-683-4181



This form for use by all U.S. applicants
for membership in QCWA.
Effective 4/1/96

For Office Use Only

Membership No. _____

Date _____

First Licensed, Year _____

Deposit Record _____

Have you been previously enrolled in QCWA? _____

I, _____, _____
(Please Print Name Clearly) Present Callsign _____

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is:

Street Address _____ City _____ State _____ Zip _____
I will keep QCWA Headquarters advised of changes in my address and/or callsign. My first amateur license was issued _____ Other calls held _____
I wish to become affiliated with QCWA Chapter _____
Date of birth _____ Birthplace _____
Present occupation/business _____
If retired, what was major life work? _____
Other organizations you belong to _____

Your signature _____

SCHEDULE OF MEMBERSHIP FEES

Select one of the following plans

	Members	Family
QCWA dues for a one-year period	\$20	_____
QCWA dues for a two-year period	\$35	_____
QCWA dues for a three-year period	\$50	\$12 _____
QCWA life membership	\$300	\$90 _____
Payable in 3 equal installments of \$105 each, in a one-year period	\$315	\$105 _____

(3 payments of \$35)

Initial registration fee, all new members - \$3

Gold membership pins are available, your call engraved, no year tags. Check type of fastener.

Tie tack _____, Screw button _____, Safety pin _____, ----- \$10 each _____

Year tag pins - 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 (tie-tac only) - \$15 each _____

Total _____

Proposed by _____, **Callsign** _____, **No.** _____

Member Supplies

Certificates

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

Gold Certificates are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

Meritorious Award Certificate is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

QCWA Operating Award Certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$5

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, 159 E. 16th Ave., Eugene, OR 97401-4017.

Phone (inquiries only, no orders): 541-683-0987, Fax 541-683-4181

We do not accept orders charged to credit cards.

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The FT-847 has not been approved by the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased until the approval of the FCC has been obtained.